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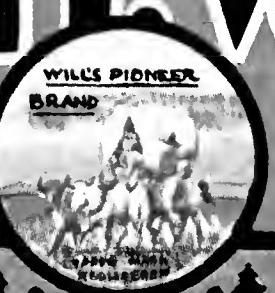


1883-54TH ANNUAL CATALOG-1937

# OSCAR H. WILL & CO.

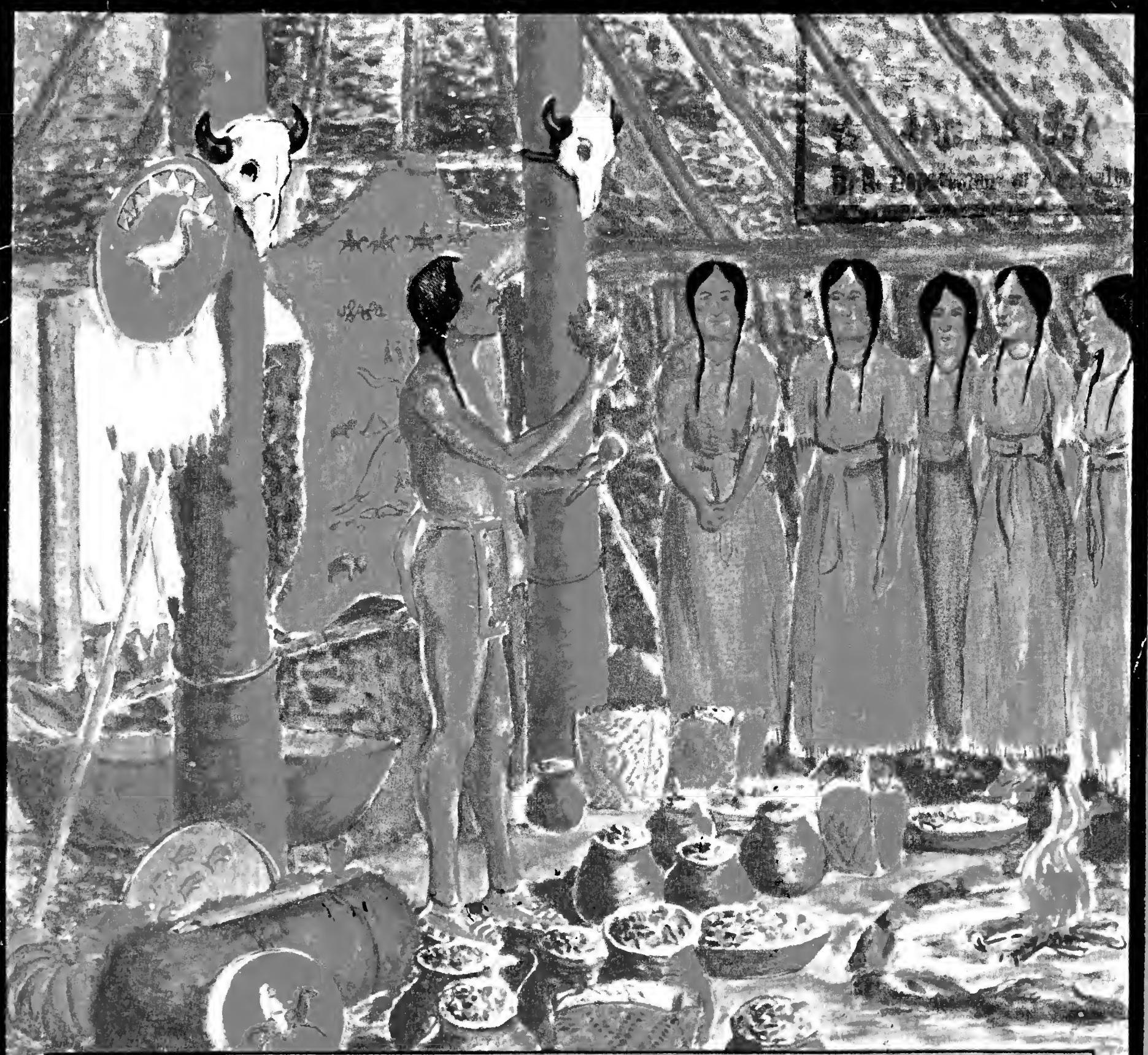
BISMARCK,

N. DAKOTA



SEEDS • TREES • PLANTS

SEEDS • TREES • PLANTS

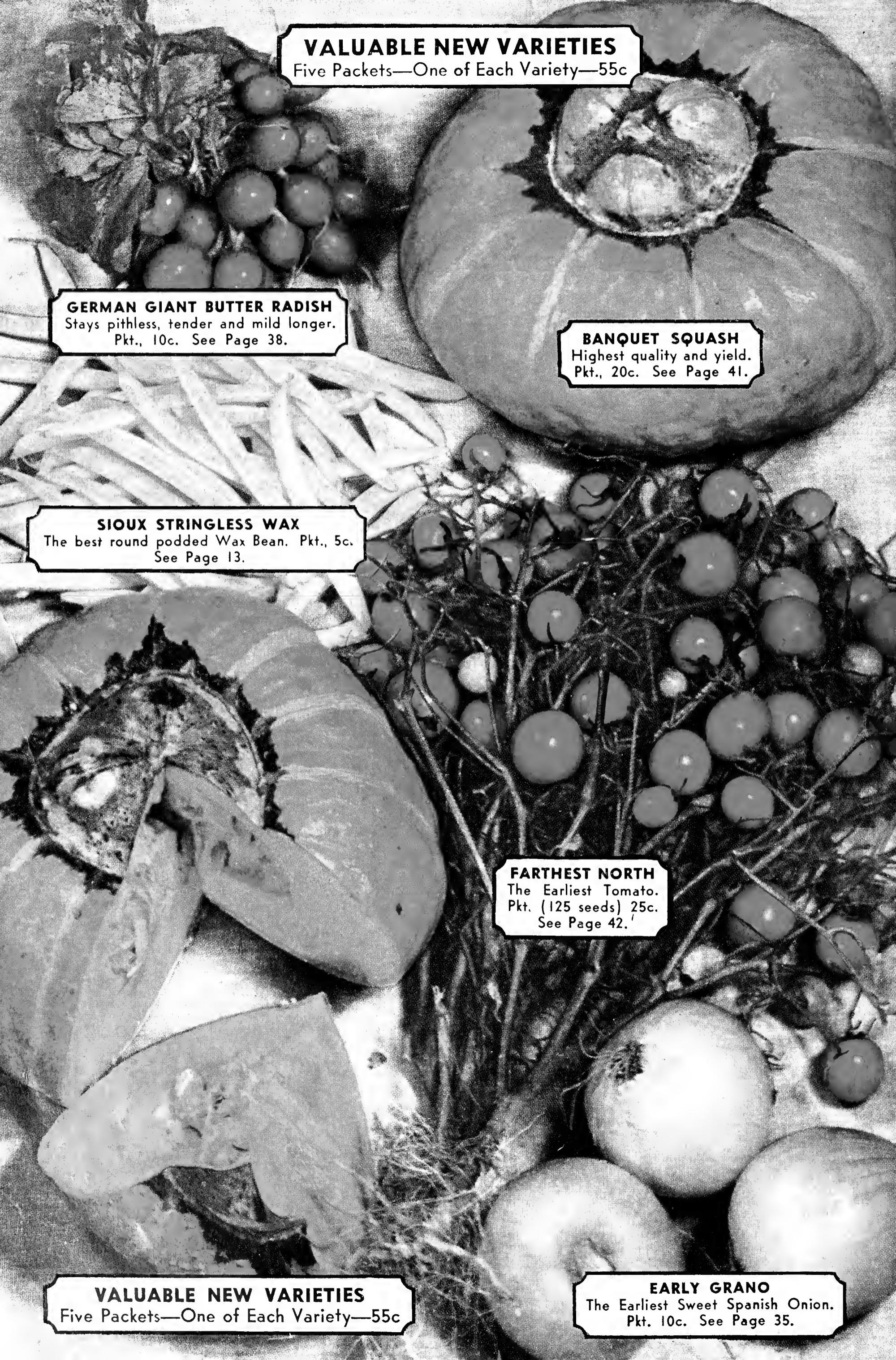


MANDAN CORN PRIEST PERFORMING CEREMONY OF BLESSING THE  
SEED CORN BEFORE THE SPRING PLANTING

—stell G. Ganner — 36

PIONEER SEED HOUSE NURSERY &  
GREENHOUSES OF THE NORTHWEST

SEED CORN SPECIALISTS



## VALUABLE NEW VARIETIES

Five Packets—One of Each Variety—55c

### GERMAN GIANT BUTTER RADISH

Stays pithless, tender and mild longer.  
Pkt., 10c. See Page 38.

### BANQUET SQUASH

Highest quality and yield.  
Pkt., 20c. See Page 41.

### SIOUX STRINGLESS WAX

The best round podded Wax Bean. Pkt., 5c.  
See Page 13.

### FARTHEST NORTH

The Earliest Tomato.  
Pkt. (125 seeds) 25c.  
See Page 42.

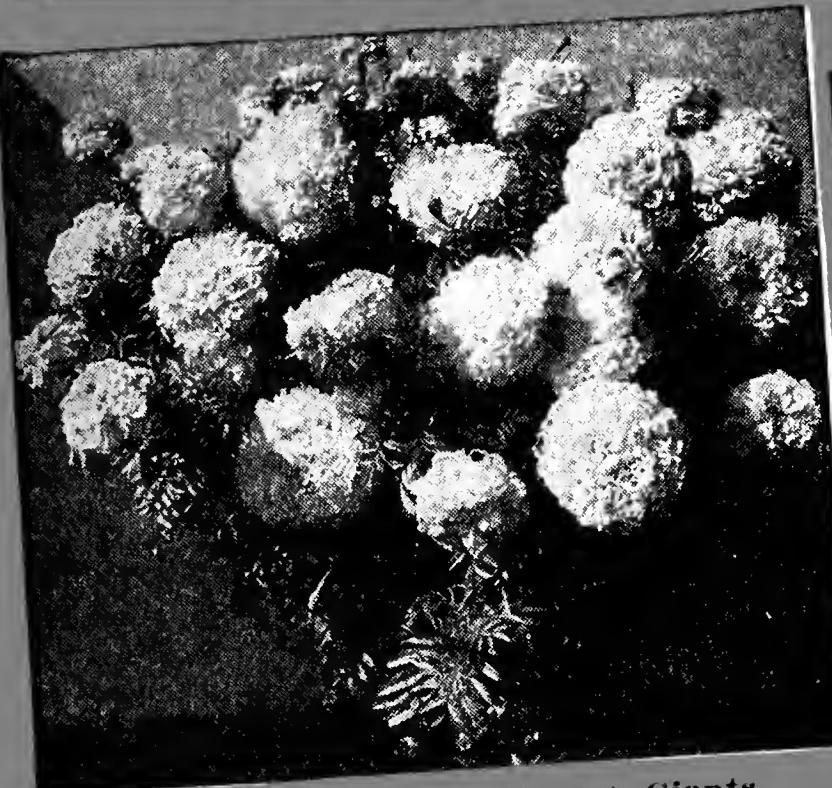
## VALUABLE NEW VARIETIES

Five Packets—One of Each Variety—55c

### EARLY GRANO

The Earliest Sweet Spanish Onion.  
Pkt. 10c. See Page 35.

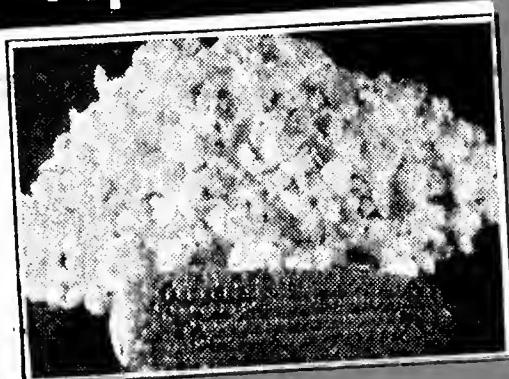
# OUTSTANDING ITEMS FOR 1937



Marigold-Gigantea, Sunset Giants

## PINKY—Pop Corn

**PINKY.** This new pink sort is the work of Prof. A. F. Yeager. It pops white and is one of the best, if not the best popper we have ever seen. We regard this as a very worth while introduction. Pkt., 5c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.60.



Pinky popcorn popped from one ear

## MARIGOLD GIANTS

**MARIGOLD-GIGANTEA SUNSET GIANTS.** Of definitely sweet fragrance in place of the usual Marigold odor, the flowers average 5 inches in diameter and are from 60 to 65 percent double. The color range is from deep orange to a delightful new shade of primrose. This free-blooming variety will create a sensation wherever grown. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.75.

## AMUR TAMARIX SHRUB

(A selection by Prof. Yeager.) One of the most beautiful, hardiest and least inclined to steal moisture from neighboring plants of any shrub grown. A lovely feathery foliage with a heavy annual growth and a mass of pink bloom after mid-summer. The most valuable shrub introduction for the Northwest in recent years. Price, each, 60c; 5 for \$2.75.

Amur Tamarix  
Shrub

## WILL'S LEADER COLLECTION 15 PACKETS

One Each of Our 15 Most Popular Varieties

Detroit Dark Red Beet  
Copenhagen Market Cabbage  
Danvers Half Long Carrot  
Danish Perfection Cauliflower  
Early Fortune Cucumber  
Early Curled Simpson Lettuce  
Extra Early Osage Musk-melon

Will's Dakota Globe Onion  
Guernsey Parsnip  
Harris' Earliest Pepper  
Will's Early Carmine Radish  
Will's Improved Purple Top Yellow Rutabaga  
Improved Hubbard Squash  
Bison Tomato  
Will's Sugar Watermelon

15 Packets for 55c

# General Directions and Instructions

**HOW TO SEND MONEY.** Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

**DELIVERY OF GOODS.** Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

**EXPRESS AND FREIGHT.** Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

**PACKING.** No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

**KEEP A COPY OF YOUR ORDER.** Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

**MISTAKES.** These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

**OUR RESPONSIBILITY.** It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds and plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss. We do not make C. O. D. shipments of perishable goods.

## PARCEL POST RATES

Limit of weight, 70 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

**For Zones 1 and 2**—One pound is 8c; 2 lbs., 10c. Add 1c per pound to 10c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 10c plus 5 additional pounds at 1c per pound, or 15c.

**Zone 3**—One pound is 9c. For each additional pound add 2c.

**Zone 4**—One pound is 10c. For each additional pound add 3.5c.

**Zone 5**—One pound is 11c. For each additional pound add 5.3c.

**Zone 6**—One pound is 12c. For each additional pound add 7c.

**Zone 7**—One pound is 14c. For each additional pound add 9c.

**Zone 8**—One pound is 15c. For each additional pound add 11c.

## FREE PREMIUMS

With every order for vegetable and flower seeds of \$15.00 or more, for seed grain or nursery stock of \$25.00 or more we shall be glad to furnish on request one large white thermometer 13 $\frac{1}{2}$  in. long and suitable for out of door use.

In place of the thermometer, for those preferring it, we can send the following book:

Guide to Corn Growing in the American and Canadian Northwest. (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.

Customers residing in North Dakota must include with their remittances an additional tance of 2c on each dollar's worth of nursery stock, decorative greenhouse stock, insecticide and supplies. There is no sales tax on seeds, onion plants, vegetable plants or feeds.



THE worst drouth in the history of the Northwest has caused severe damage to us all, though perhaps in a degree varying with our individual foresight and ability to learn from experiences of the past. But in spite of the damage, it has made us wonder at the ability of Northern Great Plains soil combined with Northern Great Plains climate to produce something under even the most adverse conditions.

We should have learned before now that two years' feed in the barn, two years' hay in the stack and a piece of pasture land resting every year are essentials to the practice of agriculture in our region. With the observance of such precautions and the use of corn as a regular part of a rotation, which recognizes the need for rest and resodding of our land at intervals not too close, we do not believe that permanent failure in this region is possible, in view of the land values which prevail.

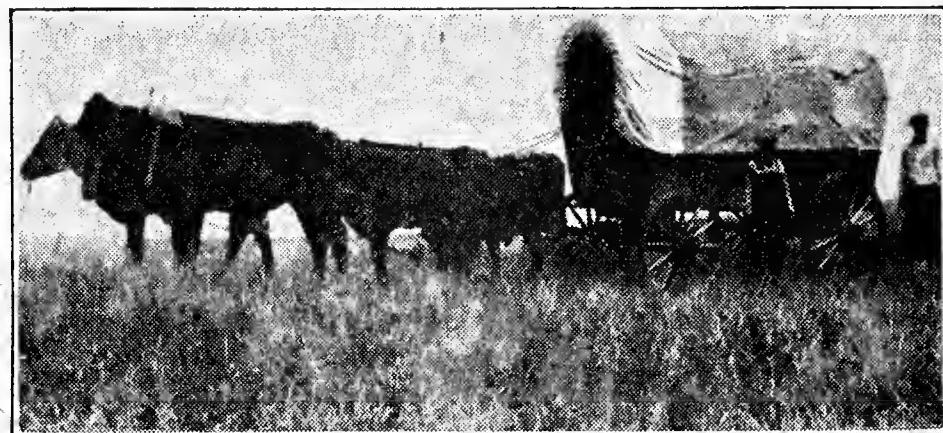
The prospect ahead seems to be bright in spite of the year just past and we may all get to work on our plans for 1937 with a very reasonable expectation for a prosperous year.

We have the seeds that you need to fulfill these expectations though it has been a difficult matter to get together many of them.

At any rate we are still here to serve you as for the past 55 years and we shall endeavor to deserve your continued patronage through the service we can give you.

Sincerely,

OSCAR H. WILL & CO.



## Will's Flower Seed All Flower Seeds Prepaid

### WILL'S Old-Fashioned Flower Garden Collection One packet each of the following:

Antirrhinum (Snapdragon)  
Mixed Giant Flowered  
Mixed Bachelor's Button  
Double Camellia-Flowered  
Balsam  
Cosmos, Early Mammoth  
—Flowering Single  
Mixed  
Dianthus—Chinese Pink  
Helichrysum, (Straw)

Flower) Mixed  
Single Mixed Hollyhock  
French Mixed Marigold  
Mignonette Machet  
Mixed Morning Glory  
Phlox Drummondii Grand-  
iflora  
Poppy, Mixed Carnation  
Mixed Single Portulaca  
Dwarf Ten Weeks Stocks

Sweet William  
Dahlia-Flowered Zinnia  
Gold Medal Mixture  
Also one ounce each of the  
following:  
Will's Pioneer Brand  
Dwarf Mixed Nastur-  
tiums  
Will's Imperial Mixed  
Sweet Peas

This \$1.30 Value—Postpaid for Only.....

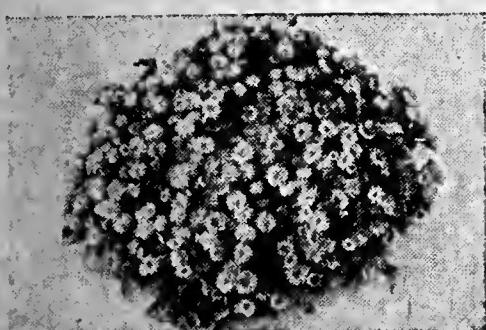
75c



Antirrhinum—Snapdragon.

In order that our customers may plant and grow with better understanding, we make use of the following symbols:

- (A) Annuals—These complete the cycle of growth, flowering, and death, the first year.
- (B) Biennials—These grow from seed the first year, bloom and die the second. If started indoors these commonly bloom the first year.
- (P) Perennials—These live and flower year after year.
- (T) Tender—Plants so marked should be started inside and transplanted after danger of frost is past.
- (C) Climbing Plants.



Ageratum—Blue Perfection.

**AGERATUM—Blue Perfection.** (A). One of the best border and bedding plants, blooming from early Summer to frost. Grows 10 inches tall. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.  
**ALYSSUM—Little Gem.** (A). One of the finest annuals we have for edging. Compact white plants, six inches high, are completely covered throughout the season with pretty flowers. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c.

**ALYSSUM—Lilac Queen.** (A). Deep lavender lilac blossoms. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**ANTIRRHINUM—SNAPDRAGON.** Maximum Giant Flowered. (A). The best in Snapdragons and a marked advance in size of bloom and brilliancy of color. Readily raised from seed in any sunny bed. Spring seedlings bloom by midsummer, and, if cut freely, the flowering is continuous until Fall. If then taken up, cut back, and potted, plants will bloom in the house during the Winter. One of the finest flowers for cutting. Our mixture is unexcelled. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

If you wish any sort of Flower Seed not listed here, ask us about it. If we do not have it, we can get it, or tell you where it may be procured.

ONLY CUSTOMERS LIVING IN NORTH DAKOTA MUST ADD TWO PER CENT FOR SALES TAX TO THEIR REMITTANCES FOR NURSERY STOCK, DECORATIVE GREENHOUSE STOCK, INSECTICIDES, TOOLS AND SUPPLIES. THIS TAX DOES NOT APPLY TO SEEDS, FEEDS, ONION PLANTS OR VEGETABLE PLANTS.



Alyssum—Little Gem.

## PIONEER ASTERS (A)

**EARLY WHITE WONDER or EXPRESS.** The best **extra early white** variety with good sized, double flowers borne on good stiff stems. **Pkt., 10c; 1/4 oz., 60c.**

**WILT RESISTANT ASTERMUM LAVENDER.** A fine midseason lavender, the plants are about 2 feet high, of branching habit. This is resistant to the aster blight or wilt and the resistant varieties promise to restore the aster to popularity. **Pkt., 15c; 1/4 oz., 70c.**

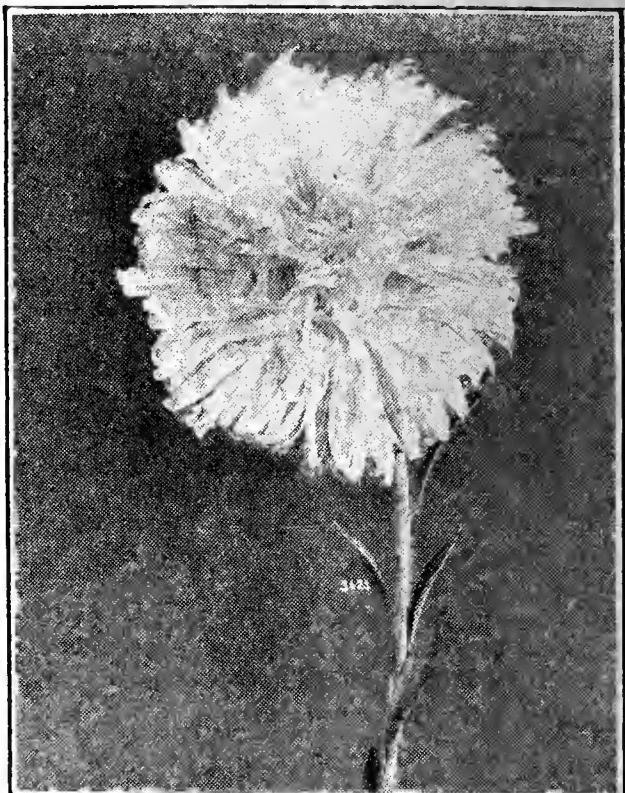
**WILT RESISTANT IMPROVED CREGO PINK.** A beautiful midseason sort of the branching type, growing 2 feet tall, with large blooms borne on long stems. **Pkt., 15c; 1/4 oz., 70c.**

**IMPROVED CREGO.** Mid-season, 2 feet tall. The flowers are large, double and well formed, one of the best all purpose sorts.

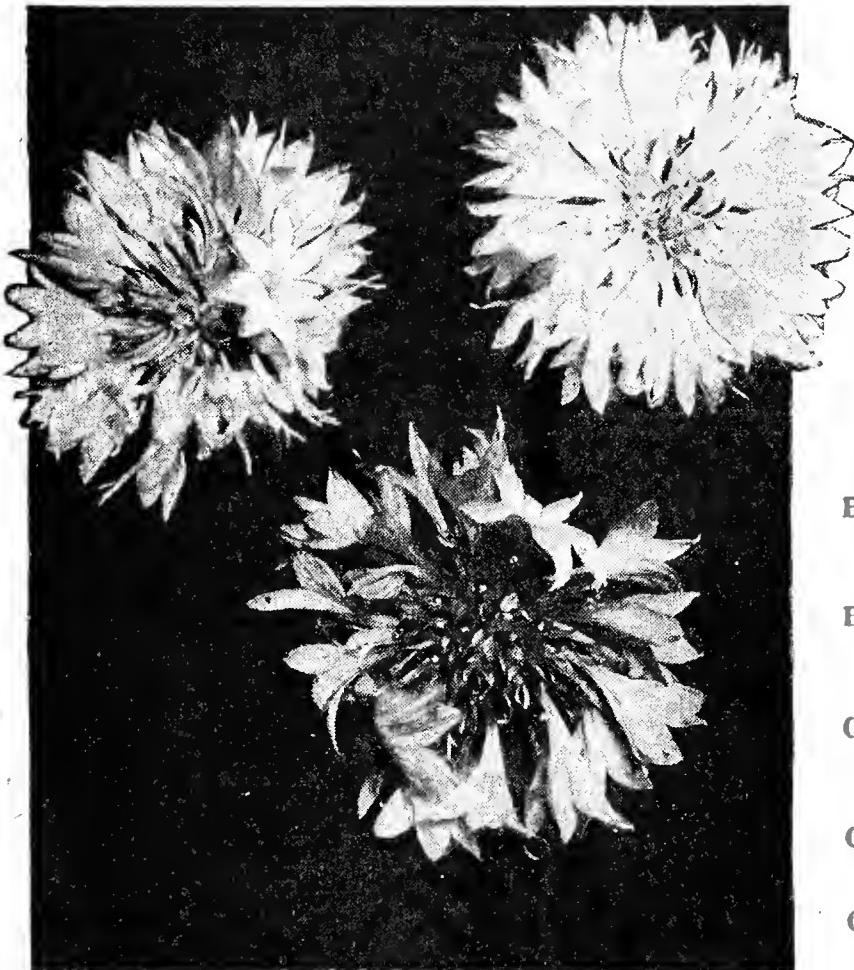
**MIXED** ..... Pkt., 5c; 1/4 oz., 35c

**CRIMSON** ..... Pkt., 10c; 1/4 oz., 45c

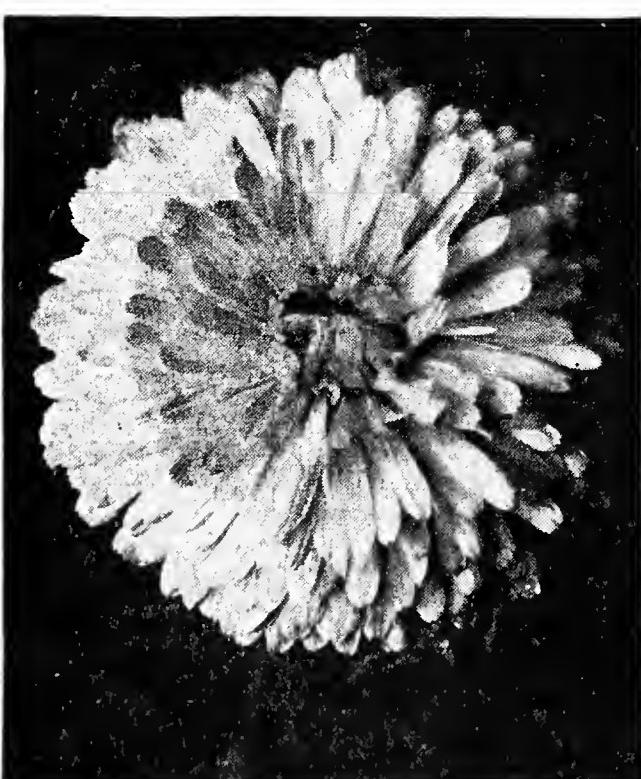
**PURPLE** ..... Pkt., 10c; 1/4 oz., 45c



Mixed Improved Crego Aster.



Bachelor's Button.



Calendula—Double Chrysanthemum or Sunshine.

**BACHELOR'S BUTTON—CORN-FLOWER** (*Centaurea cyanus*). (A). This is among the most attractive of all hardy annuals and one of the most popular of the old fashioned flowers.

**DOUBLE BLUE** (Florists' Strain). Pkt., 5c; 1/4 oz., 20c.

**DOUBLE MIXED.** Pkt., 5c; 1/4 oz., 15c.

**BALLOON VINE.** (A-C). Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-Puff." The flower is insignificant, but the plant is a rapid and graceful climber. **Pkt., 5c; 1/4 oz., 25c.**

**BALSAM—LADY SLIPPER.** Double Camellia-Flowered. (A). An old favorite. It likes hot sun, rich soil and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. **All colors mixed. Pkt., 5c; 1/4 oz., 20c.**

**BEANS—SCARLET RUNNER.** (A-C). This old-time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pealike blossoms. **Pkt., 5c; 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c.**

**BEE PLANT—SPIDER PLANT—CLEOME PUNGENS.** (A). A very hardy native plant growing well in gumbo and alkali. Two to four feet high with spiderlike purple flowers in August. **Pkt., 10c.**

**BOUNCING BET—SAPONARIA OFFICINALIS.** (P). An old, hardy favorite of easy culture, growing 12 to 18 inches high with close phlox-like heads of white or pinkish white blooms. It blooms throughout most of the summer. **Pkt., 10c; 1/4 oz., 20c.**

**CALENDULA—POT or SCOTCH MARIGOLD.** Orange King. (A). Ours is a deep orange, very double, large flowering strain of this showy, hardy and most satisfactory plant. It grows anywhere and blooms from mid-summer until frost. **Pkt., 5c; 1/4 oz., 15c.**

**CALENDULA—Double Chrysanthemum or Sunshine.** (A). The flowers are very large, a clear buttercup yellow in color, with good strong stems for cutting. **Pkt., 10c; 1/4 oz., 35c.**

**CALLIOPSIS—TICK-SEED.** Dwarf Mixed. (A). A showy and free-flowering annual blooming all Summer and excellent for cutting and massing. We offer a mixture of the finest strains. **Pkt., 5c; 1/4 oz., 20c.**

**CANARY BIRD FLOWER.** (A-C). A beautiful climber with a charming little canary-colored blossom. **Pkt., 10c; 1/2 oz., 20c.**

**CANNA.** Crozy's Dwarf. (P-T). This is a large flowering French strain and ordinarily blooms the first year from seed. **Pkt., 10c; 1/2 oz., 20c.**

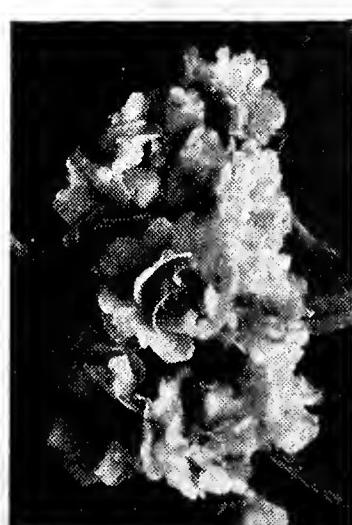
**CAMPANULA—CANTERBURY BELLS.** Annual Finest Mixed. It is extremely difficult to raise biennial Canterbury Bells in the Northwest. With this new annual type started indoors in early spring, we can enjoy the glory of this old fashioned favorite the same year. **Pkt., 15c; 1/4 oz., 90c.**

**CASSIA CHAMAECRISTIA—PARTRIDGE PEA.**

(A). Two to three feet in height, with delicate pinnate foliage and large canary-yellow blossoms. Excellent for mass planting or for an annual hedge. **Pkt., 10c; 1/4 oz., 15c.**

**CELOSIA CHILDSI—CHINESE WOOL-FLOWER.**

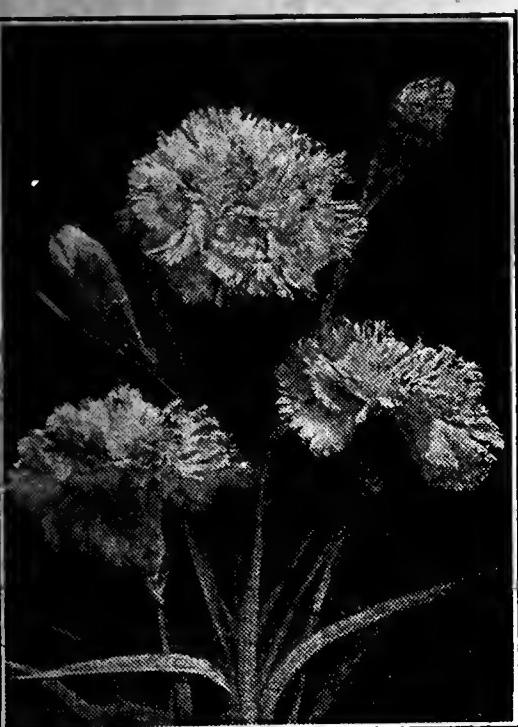
(A). Plants grow from 2 to 3 feet high with flower heads resembling bright colored, loose balls of wool. The red, pink and yellow blooms of our mixture start early and do not fade until frost. This is fine for mass planting or for growing along the driveway or next to the house. **Pkt., 10c; 1/4 oz., 45c.**



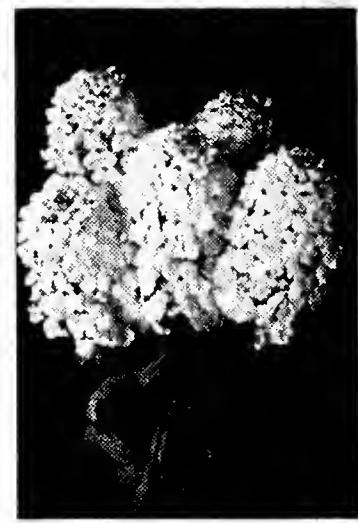
Double Camellia-Flowered Balsam.



Calliopsis.



Carnation—Dwarf Margaret.

Giant Flowering  
Candytuft.

**CANDYTUFT.** Giant White Hyacinth-Flowered. (A). A fine stock of this sturdy, compact, free-flowering border plant, with snowy white flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**CANDYTUFT.** Giant Flowering Mixed. (A). This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots or borders. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**CARNATION.** Chabaud Mixed. (P). This reselected French sort blooms in five months from seed and from then on blooms indefinitely in wonderful profusion of splendid double flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**CARNATION.** Dwarf Margaret. (P). Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom 4 months from seed, and may be cut back and planted in pots for Winter blooming. With slight covering they will live out all Winter. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**CENTAUREA IMPERIALIS.** Giant Sweet Sultan. (A). The finest of all Sweet Sultans for cut flowers. The large, sweet scented, graceful, thistle-like blooms are borne on long strong stems. Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CHINESE LANTERN PLANT—PHYSALIS FRANCHETTI.** (P). Produces lantern-like fruits that turn bright red when ripe. The stems should then be cut, the leaves stripped off, and the fruits will retain their color through the Winter. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.



Summer Cypress.



Columbine-Hybrid.



Single Crested Cosmos.



Clarkia—Double Mixed.



Single Early Cosmos.

**CHRYSANTHEMUM CORONARIUM—FRENCH MARGUERITE.** (A). These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**CLARKIA.** Double Mixed. (A). This popular hardy annual is easily grown with most beautiful results. One of the best for clay soils. Our mixture contains rosy purple, rose salmon, and white. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**COBAEA SCANDENS.** Cathedral Bells. (A-C). Very prolific and perfectly hardy. This is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**COLUMBINE-HYBRID.** (P). Varying shades from almost purple, through yellows to white, mostly long spurred. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.

## COSMOS

**SENSATION FINEST MIXED.** This early very large flowering Cosmos received the Award of Merit in the 1936 All American Selections. The plants grow 4 feet high. The blooms are 4 to 5 inches in diameter. The mixture contains white and shades of rose and pink. Pkt., 20c;  $\frac{1}{4}$  oz., 75c.

**EARLY MAMMOTH FLOWERING SINGLE MIXED.** (A). We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late Summer with huge blossoms. A fine annual hedge. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**EARLY FLOWERING DOUBLE CRESTED MIXED.** (A). This new class, sometimes called Anemone flowered, is the best of all Cosmos for cutting and one of the finest subjects for mass planting. Although this is a new variety, it comes practically true from seed, but a small percentage of single blooms must be expected. Pkt., 10c;  $\frac{1}{4}$  oz., 65c.

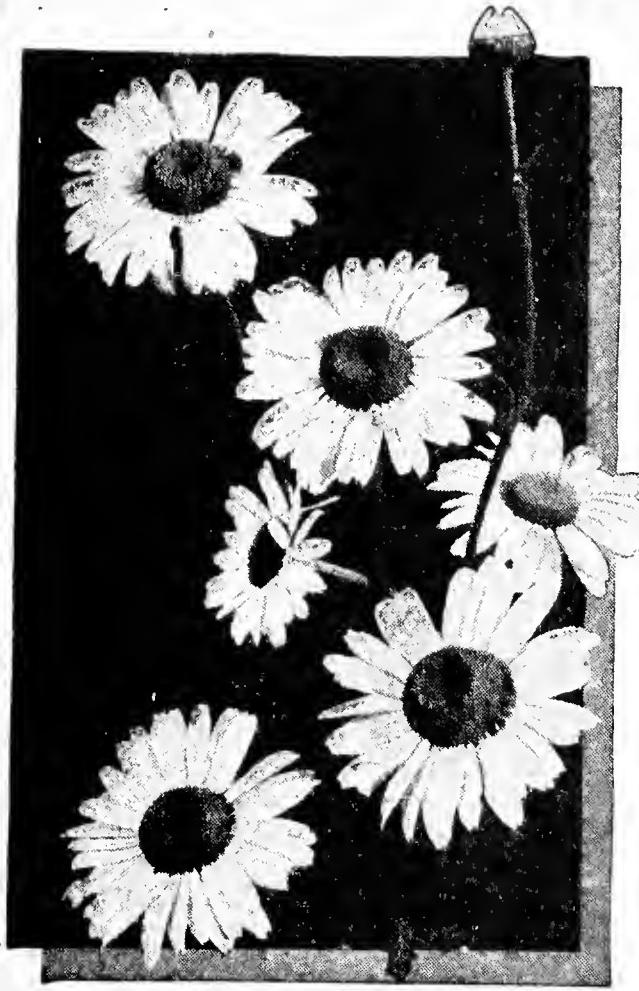
**WILD CUCUMBER.** (A-C). The quickest growing climber we have. Thickly dotted with white flowers followed by ornamental and prickly seed pods. For Spring planting pour scalding water over seed before sowing. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c.

**SUMMER CYPRESS BURNING BUSH.** (A). A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**CYPRESS VINE.** (A-C). A most beautiful climber with dark green fernlike foliage and mass of beautiful star-shaped flowers. Pkt., 5c;  $\frac{1}{2}$  oz., 25c.

**DAHLIA, DOUBLE.** A mixture of seeds from the best varieties. Started indoors in March will usually bloom the first year. Pkt. 10c.

**DIGITALIS — FOXGLOVE.** (P). Easily grown semi-hardy perennial attaining a height of from 2 to 4 feet and producing long spikes of beautiful tubular-shaped flowers. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.



Shasta Daisy.

## DAISIES

**SHASTA DAISY.** Alaska. (P). This hardy perennial can be grown out of doors anywhere with light Winter protection. The flowers are large with white petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 10c; 1/4 oz., 90c.**

**AFRICAN DAISY.** *Dimorphotheca Aurantiaca* Hybrids. (A). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow about one foot high and enjoy a sunny location. This is one of the loveliest of flowers. **Pkt., 10c; 1/4 oz., 30c.**

For Shasta Daisy Roots, See Page 67.



Dianthus—Chinese Pink.

**DIANTHUS.** Chinese Pink. (A & P). Like its relative, the carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c; 1/4 oz., 20c.**

**DATURA-ANGEL'S TRUMPET.** (A). Strong growing plants, 4 feet high, with very large white flowers. Useful for background or annual hedge. **Pkt., 10c.**

**FORGET-ME-NOT.** (P). These charming little favorites succeed best in cool, moist soils, blooming most freely during the Spring and Fall months. If lightly covered, they will live through the Winter and will bear even more profusely the second Spring than the first. **Pkt., 10c; 1/4 oz., 40c.**

**FOUR O'CLOCK.** Marvel of Peru. (A) A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. All colors mixed. A good annual hedge. **Pkt., 5c; oz., 20c.**

**GAILLARDIA-BLANKET FLOWER.** (P). This is one of the most satisfactory perennials, blooming from July 1st until frost. Our single mixture will give you all possible combinations of yellow and red. **Pkt., 10c; 1/4 oz., 20c.**

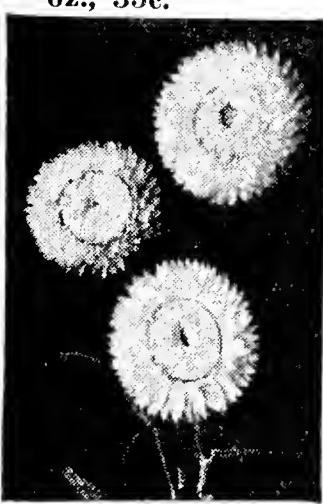
**GERANIUM.** (A). Sown early in the Spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. **Pkt., 10c.**

**GOURDS.** Ornamental Mixed. (C). A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. **Pkt., 5c; oz., 25c.**

**GYPSOPHILA ELEGANS GRANDIFLORA ALBA-ANGEL'S BREATH.** (A). An improved white flowering strain of the delicately graceful favorite so much in demand for cutting and in combination with other flowers. **Pkt., 5c; 1/4 oz., 15c.**

**GYPSOPHILA PANICULATA-BABY'S BREATH.** (P). Graceful masses of tiny white flowers, useful in bouquets. **Pkt., 10c; 1/4 oz., 25c.**

**HELIANTHUS.** Chrysanthemum Flowered. (A). The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. Especially adapted for hiding unsightly places. **Pkt., 5c; oz., 35c.**



Helichrysum.

**HELIANTHUS—MAMMOTH RUSSIAN SUNFLOWER.** (A). This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; 1 lb., 27c, postpaid. By express or freight, 10 lbs., \$1.25.**

**HELIANTHUS—GIANT HUNGARIAN WHITE SEEDED SUNFLOWER.** We have worked with our special strain for several years and believe it is now early enough as well as the heaviest yielding, handsomest and best flavored variety of "Russian Peanut" procurable. **Pkt., 5c; 1 lb., 50c, postpaid.**

**HELICHRYSUM—EVERLASTING or STRAWFLOWER.** (A). Much prized for durable bouquets and Winter decoration. To dry, gather flowers when unfolded and hang heads down in a cool place. Finest mixed. **Pkt., 5c; 1/4 oz., 20c.**

**HELIOTROPE.** (A-T). A universal favorite on account of its fragrance and beauty. Few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 10c; 1/4 oz., 65c.**

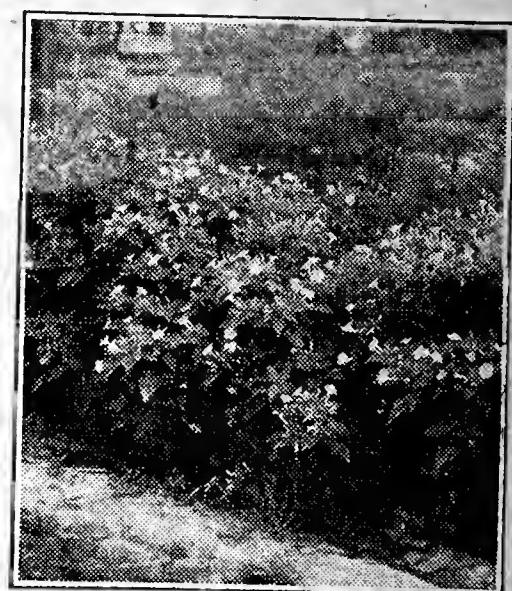
## HOLLYHOCK

**HOLLYHOCK.** Pioneer Double Mixed. (P). Tall, stately, majestic, our strain of this old-fashioned favorite can not be improved upon. This is a perennial and will not bloom the first year unless planted indoors in March. Our mixture comprises all shades. **Pkt., 10c; 1/4 oz., 50c.**

**HOLLYHOCK.** Bismarck Single Mixture. (P). Many prefer the single Hollyhocks to the doubles. The single sorts are slightly harder, more vigorous and rust resistant. Our mixture will be found very satisfactory. **Pkt., 5c; 1/4 oz., 20c.**

**HOLLYHOCK.** Annual Double Finest Mixed. (A). If sown in open ground in May these will bloom in August. Earlier blooming may be obtained by starting indoors. Continuously covered by large flowers in variety of colors. Double and semi-double. **Pkt., 10c; 1/4 oz., 50c.**

For Hollyhock Roots, See Page 67.



Four O'Clock

**ICE PLANT—MESEMBRYANTHEMUM CRYSTALLINUM.** (A). A trailing plant with singular icy foliage; most excellent for vases, hanging baskets or rockwork. **Pkt., 5c; 1/4 oz., 20c.**

**LAVATERA.** Rosea Splendens, Swiss Rose. (A). An annual Mallow, showy and effective for either large borders or cutting, with very large, bright, rose flowers. **Pkt., 10c; 1/4 oz., 20c.**

**LAVATERA—PERENNIAL SIBERIAN.** (P). A beautiful, giant, hardy pink Mallow brought from Siberia by Professor N. E. Hansen. **Pkt., 10c.**

**LINUM SCARLET FLAX.** (A). Brilliant crimson-rose flowers. For continuous bloom throughout the summer make successive plantings. **Pkt., 5c; 1/4 oz., 20c.**

**LOBELIA.** Crystal Palace Compacta. (A). One of the best and most popular border plants, bushy, 6 inches high, with dark foliage and deepest blue flowers which fairly cover the plants throughout the season. **Pkt., 10c; 1/4 oz., 95c.**



Pioneer Double Hollyhock.



Annual Larkspur.

**LARKSPUR — ANNUAL TALL STOCK-FLOWERED MIXED.** (A). The annual forms of Larkspur with their long, graceful spikes of bloom are valuable for borders and planting among shrubs. For early blooming, start indoors. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**LARKSPUR — DELphinium. PERENNIAL FINEST MIXED GOLD MEDAL HYBRIDS.** (P). Especially striking as backgrounds for borders, this quick-growing, free-flowering, old-fashioned perennial with its erect spikes of beautiful blossoms holds first rank. For blooms the first year, start indoors. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

For Perennial Larkspur Roots, See Page 67.

**RED POPPY MALLOW.** (P). A hardy, easily grown low perennial with handsome, deeply cut foliage that bears purplish red flowers throughout the summer. Pkt., 10c.

**MARIGOLD. THE ELDORADO—TALL AFRICAN DOUBLE.** (A). The plants grow 3 feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of colors; the lightest primrose, lemon, golden yellow, and deep orange. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.



Eldorado Marigold.

**MARIGOLD GIGANTEA SUNSET GIANTS.** At last a sweetly fragrant, very showy and exceptionally large Marigold. See page 1 for more complete description and illustration. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.75.



Nasturtium—Golden Gleam.

## NASTURTIUMS (A)

**NASTURTIUM — DOUBLE SWEET SCENTED GLORIOUS GLEAM HYBRIDS FINEST MIXED.** This double, delightfully sweet scented Nasturtium in remarkable color range is an all-round garden favorite. Pkt., 10c; oz., 20c.

**NASTURTIUM—GOLDEN GLEAM DOUBLE SWEET SCENTED.** The new Nasturtium that has attained instant popularity. The golden yellow, double blooms are very sweet scented and borne well above the foliage on strong, bushy plants. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS.** Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows two feet apart, and when well started, thinned to 10 inches in the rows. Plants bloom freely and the flowers embrace every desirable color. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00.

**WILL'S SUPERB TALL MIXED NASTURTIUMS.** Our magnificent strain makes a strong growth of from 5 to 6 feet, flowering freely from Spring to Fall with large blooms of the most brilliant shades. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00.



Royal Show Pansies.

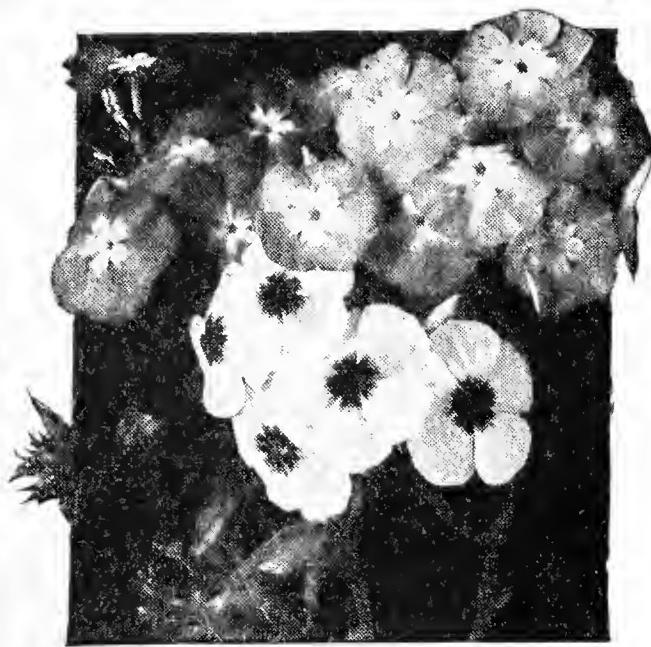
## WILL'S PANSIES (P)

**Culture.** Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart, and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.

**WILL'S ROYAL SHOW.** We have spared neither care nor expense in our efforts to make Will's Royal Show Pansies the best mixture obtainable. The colorings and markings are diverse beyond belief. The blooms are all that can be desired in size and form. Pkt., 15c; 2 pkts., 25c;  $\frac{1}{4}$  oz., \$1.75.

**WILL'S PREMIUM MIXTURE.** While not to be compared with the Royal Show, Will's Premium Mixture has large blooms in complete color range, and will please everyone who enjoys Pansies and can appreciate quality of color, shape, and substance. Pkt., 5c;  $\frac{1}{4}$  oz., 60c.

For Pansy Plants, See Page 55.



Phlox Drummondi.

**PHLOX.** *Drummondi Grandiflora.* (A). Of all Summer flowering annuals, Phlox Drummondi stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**PENTSTEMON GRANDIFLORA — BEARD TONGUE.** (P). One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**POTULACA—ROSE MOSS.** (A). A hardy dwarf annual of easy culture. It thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders and rock planting.

**DOUBLE MIXED.** Pkt., 10c;  $\frac{1}{4}$  oz., 80c; oz., \$2.40.

**SINGLE MIXED.** Pkt., 5c;  $\frac{1}{4}$  oz., 20c; oz., 55c.

**PRIMROSE or PRIMULA.** (T-A). Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the Fall and continue through the Winter. Our mixture includes the choicest colors. Pkt., 10c.



Single Portulaca.

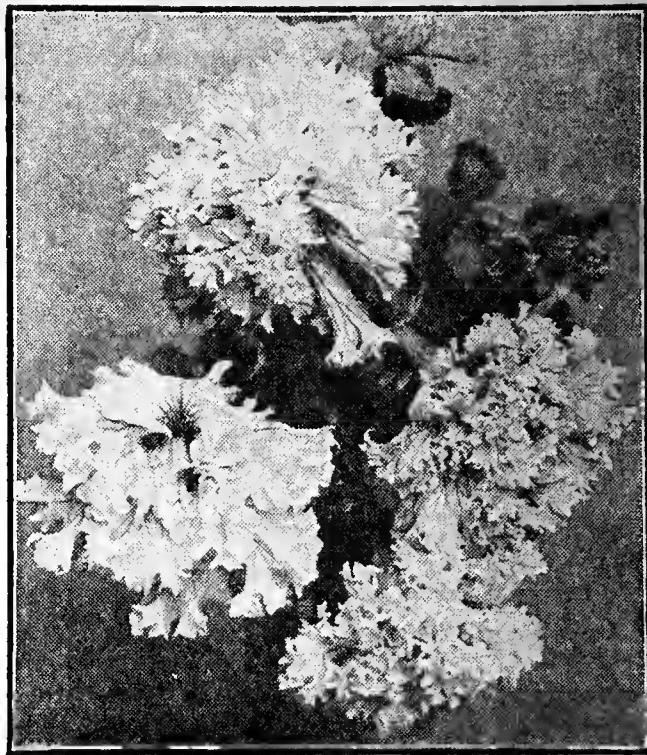
## PETUNIAS (A)

**Culture.** The greatest care should be taken in planting Petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

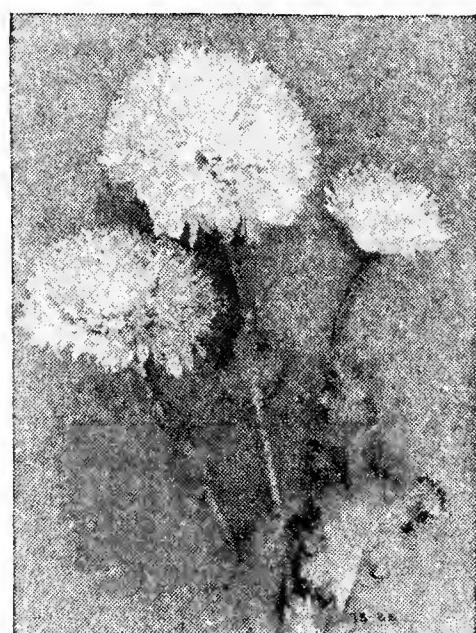
**ALL DOUBLE GIANT FRINGED MIXED.** This is the best Double Petunia Seed obtainable. Practically all plants will have double fringed blooms. The intensely careful work necessary to produce this seed makes it worth several times its weight in gold. Pkt., containing 140 seeds, 35c; 2 pkts., 60c.

**HYBRIDA GRANDIFLORA.** In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**ROSY MORNING.** A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 10c;  $\frac{1}{4}$  oz., 90c. For Single and Double Petunia Plants See Page 55.



All Double Giant Fringed Mixed Petunias.



Carnation Poppy.

## POPPIES

**ICELAND POPPY.** (P). The large, gaily colored, cup-shaped flowers bloom on leafless stems 1 foot tall that spring from graceful tufts of green foliage. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**SHIRLEY POPPY.** (A). The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**BLUE MAW POPPY.** (A). This seed is not intended for planting, but is used in cooking by the people of Central and Southeastern Europe, and quite largely by people from those districts who have settled in this country.  $\frac{1}{4}$  lb., 10c; 1 lb., 30c, postpaid.

**MIXED CARNATION POPPY.** (A). This is the finest double mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**AMERICAN LEGION.** (A). Hardy and easily grown, the brilliant scarlet flowers cannot be surpassed when massed in solid beds. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

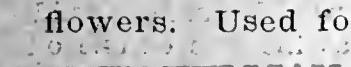
**CALIFORNIA POPPY or ESCHSCHOLTZIA.** (A). Crimson, white and gold. A showy, free-flowering plant of low, spreading growth and finely divided silver-gray foliage. Seed should be sown thinly and early in the Spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. We can supply separate colors in one-fourth ounces. Pkt., 10c;  $\frac{1}{4}$  oz., 15c.

**MIXED ORIENTAL POPPY.** (P). Unrivalled for gorgeous effectiveness in perennial borders and shrubberies, the blooms are immense, frequently six inches across. Pkt., 10c;  $\frac{1}{4}$  oz., 70c.



California Poppy—Eschscholtzia.

**RICINUS—CASTOR BEANS.** (A). Strong growing ornamental plants of stately growth, ornamental foliage, and brilliant colored fruit. Much used for center plants in beds and for massing. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c.

Scabiosa—  
Mourning Bride.Dwarf  
Ten Weeks Stocks.

Sweet William.



Sweet William.

Zinnia  
Iona Flowered.

**SALPIGLOSSIS. Superbissima or Emperor. "Velvet Flower or Painted Tongue."** (A). A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep-blue, rose, violet, yellow and reddish bronze. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**SALVIA. Clara Bedman or Bonfire.** (T-A). Its erect spikes of brilliant scarlet flowers make this one of the most handsome of Salvias. It makes a good pot plant and does well in window boxes, but is best used as a hedge or border plant for brilliant color effect. Pkt., 10c;  $\frac{1}{4}$  oz., \$1.00.

**SCABIOSA—MOURNING BRIDE.** (A). Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are borne on tall, slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**SCHIZANTHUS—BUTTERFLY FLOWER. Wist-tonensis.** (A). Also called "Poor Man's Orchid." One of the daintiest of annuals, of easiest culture, this very early bloomer is completely covered with small but bright butterfly-like flowers in wide range of color and bi-color. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

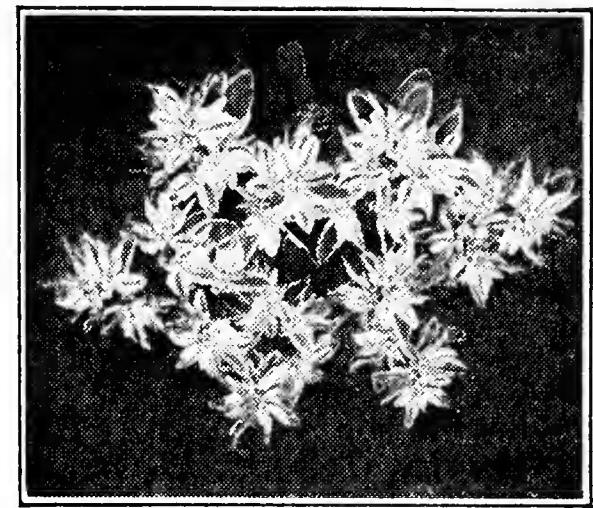
**SNOW - ON - THE - MOUNTAIN — EUPHORBIA VARIEGATA.** (A). A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white, much used in mixed borders and as a background for lower growing plants. Pkt., 10c; oz., 25c.

**STOCK. Dwarf Ten Weeks.** (A). The large flower spikes are borne in great profusion. They are of beautiful coloring, rich fragrance, and excellent keeping quality. Our strain is of the best for bedding and early summer flowering. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**SWEET ROCKET—HESPERIS.** (B). An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

**SWEET WILLIAM. Dianthus Barbatus.** (P). These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years, although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**VERBENA HYBRIDA. Mammoth Choice Mixed.** A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and include all the brighter shades. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

Salpiglossis  
or Velvet Flower.

Snow-on-the-Mountain.



Dahlia Flowered Zinnia. Gold Medal Mixture.

## ZINNIAS

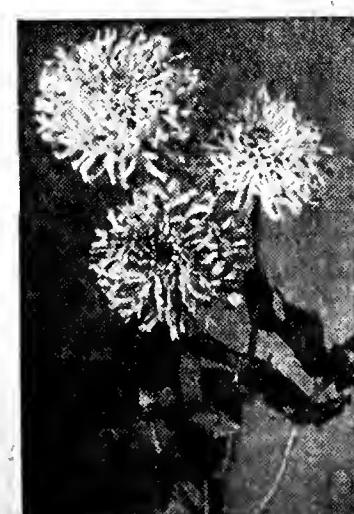
**CALIFORNIA GIANTS MIXED.** (A). The blooms are not as deep as those of the Dahlia Flowered type, but fully as large, and the longer stems of this sort make it more desirable for cutting. Our mixture cannot be beaten. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.25.

**DAHLIA FLOWERED—GOLD MEDAL MIXTURE.** (A). Few flowers are more easily grown or bloom more abundantly. The large showy flowers are often six inches in diameter. Our seed is from the originator, is grown in separate colors and then mixed, and is vastly superior to much that is offered. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.25.

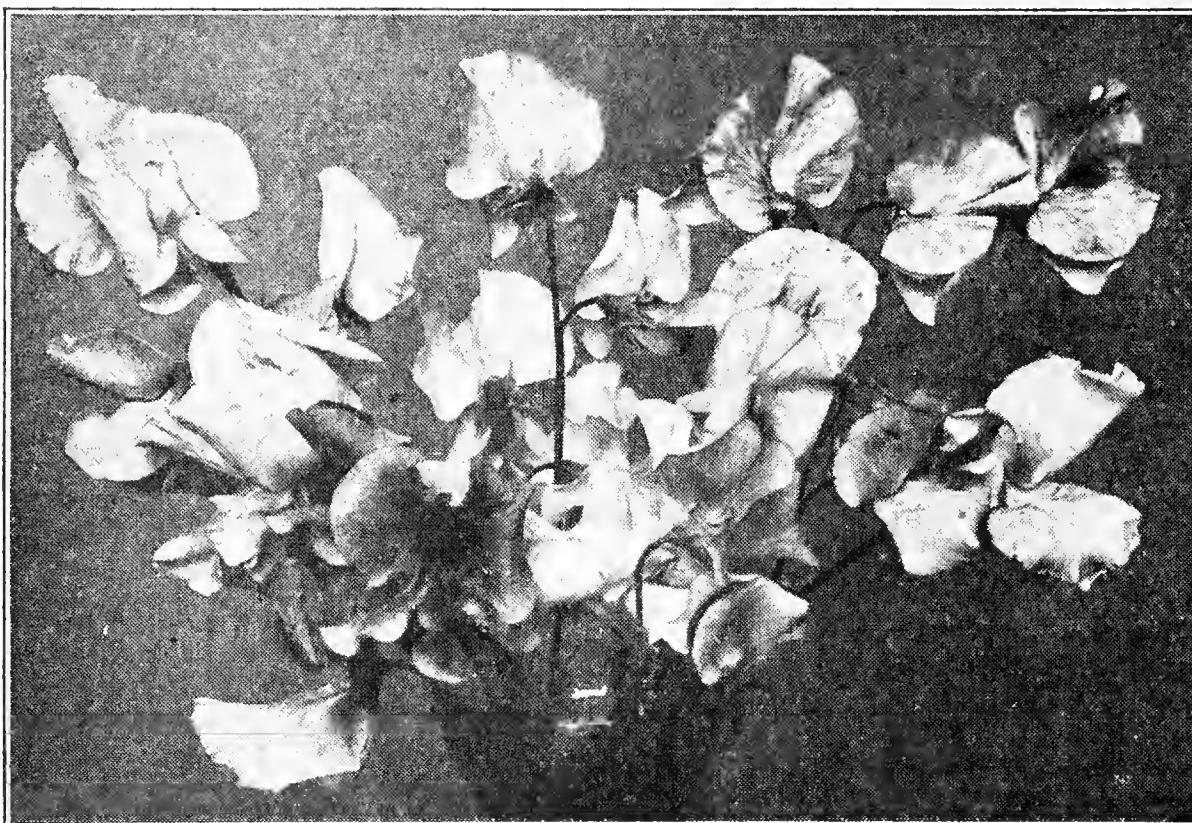
**DOUBLE LILLIPUT OR POMPON MIXED.** (A). A profuse blooming, small flowering type growing 12 to 15 inches tall. The flowers are very double, buttonlike and about 1 inch in diameter. Pkt., 10c;  $\frac{1}{4}$  oz., 25c; 1 oz., 90c.

**FANTASY MIXED.** (A). A new, medium-sized Zinnia with shaggy ray-like petals, graceful and delicate. The color mixture is complete and bright. Pkt., 15c;  $\frac{1}{4}$  oz., 50c; oz., \$1.60.

**SCABIOUS FLOWERED MIXTURE.** (A). An odd and attractive Zinnia form, resembling the annual Scabiosa. The flowers are medium sized with rich color range. The plants grow 2 to 2½ feet high. A moderate percentage of single flowers may be expected. Pkt., 20c;  $\frac{1}{4}$  oz., 60c; oz., \$2.00.



Zinnia-Fantasy.



Early Flowering Spencer Sweet Peas

## Choice Mixed Sweet Peas

**EARLY FLOWERING SPENCER MIXTURE.** These bloom two weeks before the standard Spencer varieties, but with the same large, waved flowers. They have replaced the standard Spencers in greenhouse planting and, though they do not grow quite as tall, their earliness and long season of bloom make them invaluable in outdoor planting, particularly in the short season north. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.65; 1 lb., \$3.00.

**RUFFLED SPENCER MIXED SWEET PEAS.** The newest and finest in Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double; a treat for all lovers of Sweet Peas. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.65; 1 lb., \$3.00.

**WILL'S IMPERIAL MIXED SWEET PEAS.** A blend of all the best Spencer Strains and the old, but ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled, and margined. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00.

**WILL'S GIANT SPENCER MIXED SWEET PEAS.** A blend in proper proportions of the large waved Spencer sorts through the whole range of color. This is the best mixture we know. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.20; 1 lb., \$2.00.

I was very much satisfied with everything, and the sweet peas really made a hit with my husband and he wouldn't hear of my buying the seeds of anyone but you. He believes they were the prettiest sweet peas he'd ever seen. He isn't very enthusiastic about flowers of any kind.

MRS. J. A. WILSON,  
Gages Lake, Libertyville, Ill.

### Treat Sweet Peas with

**NITRAGIN**  
Garden Size 25¢, Postpaid  
See Page 77



Last year was the first time I ordered flower seeds from you and the large Dahlia Zinnia are beautiful as I won the trophy with the Zinnia at the flower show.

CLARA MOCHEL,  
Williston, N. Dak.

# Will's Sweet Peas

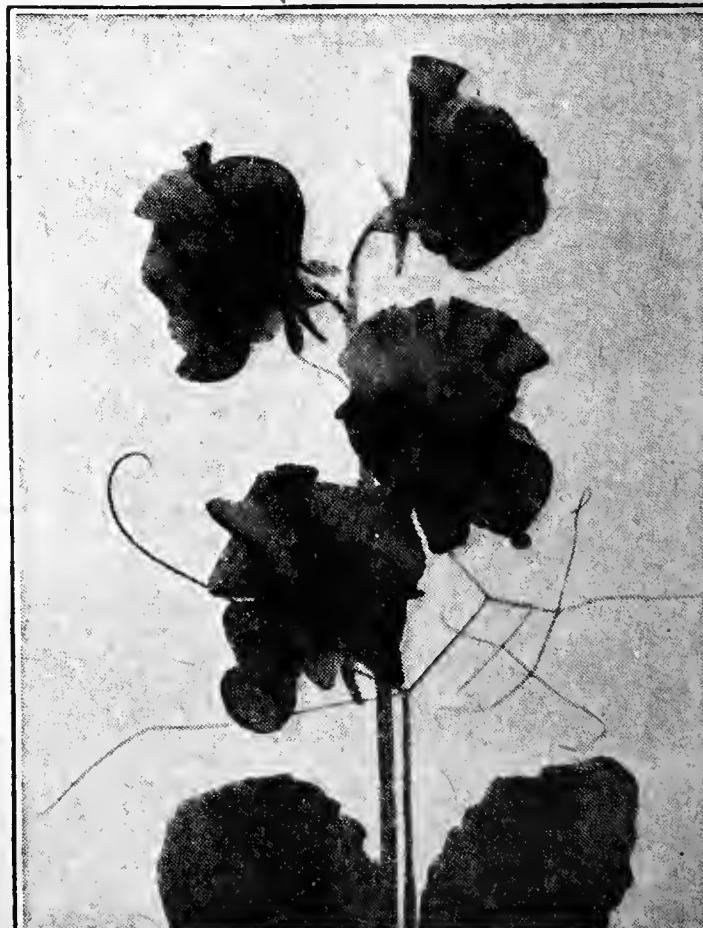
## SWEET PEA COLLECTION

One regular packet of each of the 14 varieties of Sweet Peas listed on next page. If purchased separately would cost \$1.40. Will sow 80 feet of row.

95c

### A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.



Will's Giant Spencer Sweet Peas

# WILL'S SWEET PEAS

## Summer Flowering Spencer Varieties

These are the orchid-flowered or large waved Sweet Peas. We have endeavored to select for you the choicest and most beautiful varieties. About 100 seeds in a packet.

The following varieties of Sweet Peas are priced at: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c, postpaid. Any three packets, 25c. One packet of each, or 14 packets, 95c.

**AMBITION.** The best rosy lavender.

**AVALANCHE.** A pure glistening white and the best white we know.

**BLUE BIRD.** Clear medium blue.

**BRILLIANT ROSE.** A lovely bright rose, and the most desirable of its color class. The large, beautiful flowers are borne on long stems.

**COMMANDER GODSALL.** A free blooming deep violet-blue.

**FLUFFY RUFFLES.** An exquisite light cream pink. Great big flowers ruffled and frilled.

**MARY PICKFORD.** A very large flower, dainty cream pink with a soft suffusion of salmon, and a profuse bloomer.

**MRS. A. SEARLES.** A bright orange-cerise with golden glow. A fine new variety of wonderful size, we regard this as the best deep cerise.

**OLYMPIA.** A large, deep rich purple flower of exquisite form. The best purple.

**PINKIE.** A very fine deep pink of largest size.

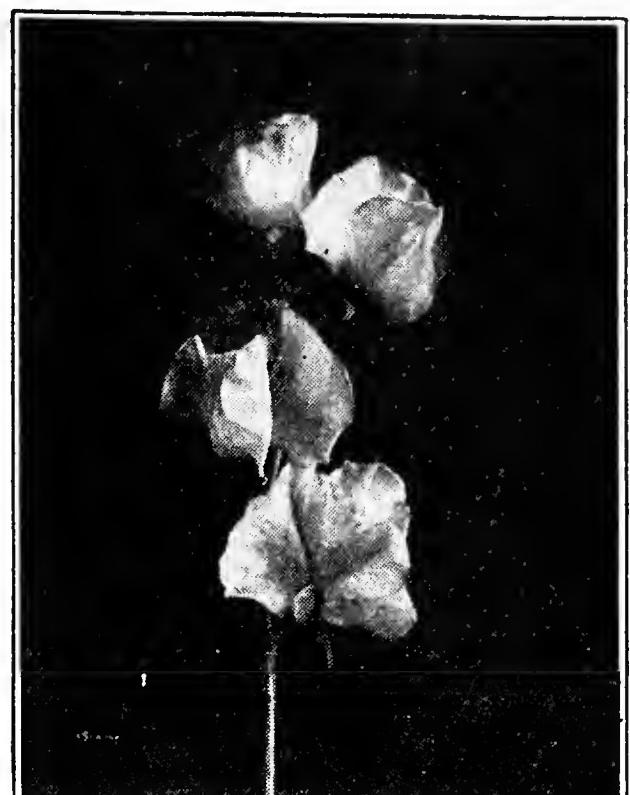
**RED BOY.** Pure rich crimson, long stemmed, vigorous.

**ROYAL SCOT.** A brilliant orange-scarlet that does not fade or burn in the hottest sunshine.

**WARRIOR.** A rich chocolate-maroon shaded lightly with bronze, a free bloomer and strong grower.

**WHAT JOY.** A rich deep primrose-yellow.

Each of the fourteen varieties of Sweet Peas listed above sells for: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c, postpaid. Any three packets, 25c. Fourteen packets, one of each sort, for 95c.



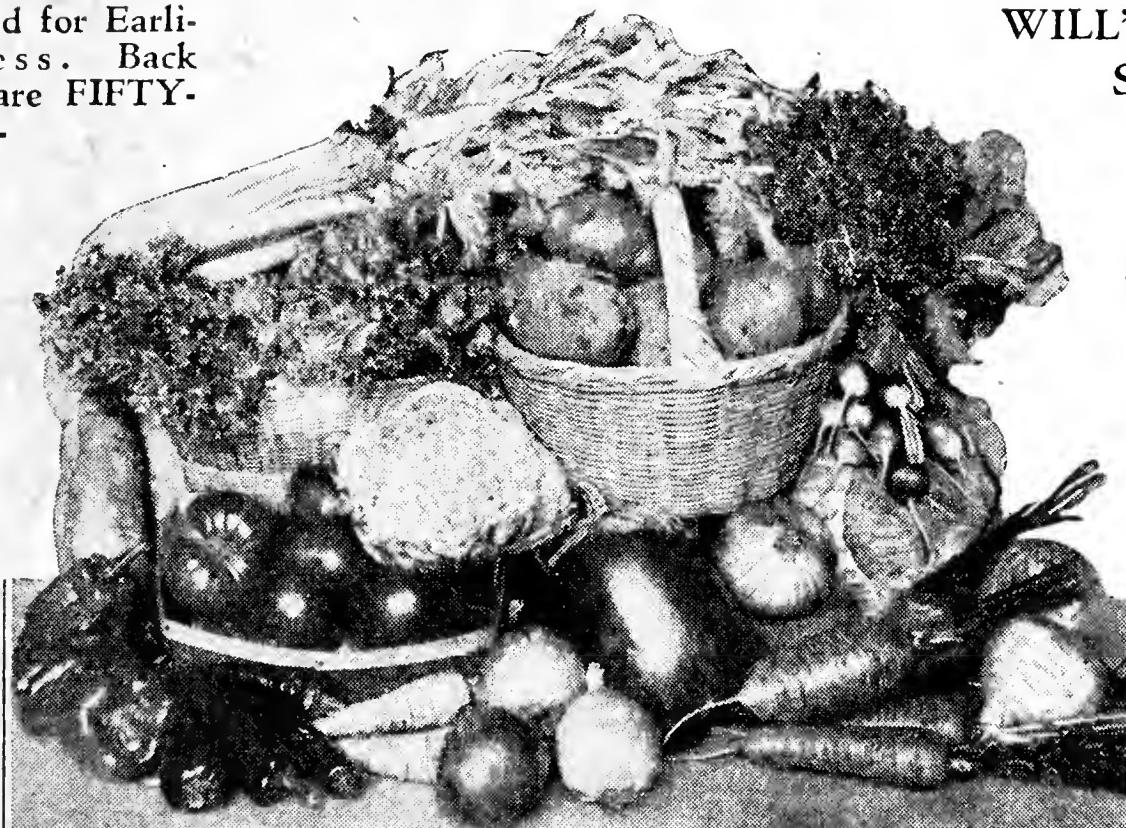
Pinkle.

## Will's Pioneer Brand Vegetable Seeds

WILL'S SEEDS Stand for Earliness and Hardiness. Back of WILL'S SEEDS are FIFTY-FIVE YEARS of Experience



Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.



WILL'S Hardy Garden Seeds, Acclimated to the Northwest, Do Well Everywhere

WILL'S PIONEER INDIAN COLLECTION

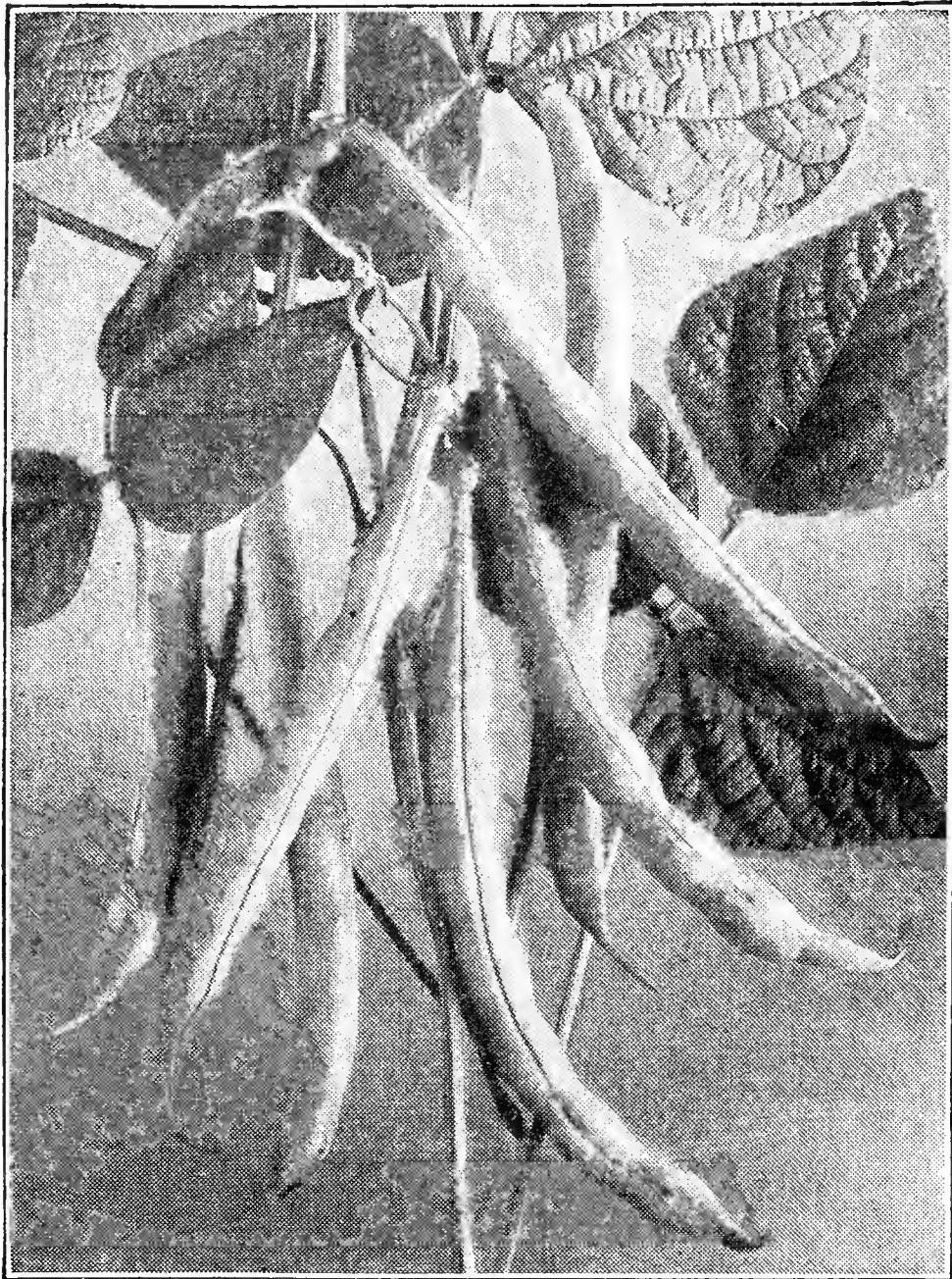
Seven packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of: Arikara Squash, Arikara Watermelon, Omaha Pumpkin, Mandan Squash, Mandan Flour Corn, Hidatsa Beans and Iroquois Pop Corn. Postpaid, price, 30c.

## PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—Dwarf, Snap	2-5.....	20.....	1 lb.	300	Onions.....	4-6.....	14.....	$\frac{1}{2}$ oz.
100	Beans—Dwarf, Lima	6.....	20.....	1 lb.	200	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
150	*Beets.....	2-4.....	18.....	$1\frac{1}{2}$ oz.	50	Parsnip.....	3-5.....	18.....	$\frac{1}{2}$ oz.
200	Cabbage.....	16-24.....	24.....	50-75 plants.	300	*Peas.....	$\frac{3}{4}$ -1 $\frac{1}{2}$ ....	30.....	1 lb.
50	Cauliflower....	16-24.....	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
50	*Carrot.....	2.....	18.....	1 oz.	800	Potatoes, Early.....	14-18.....	30.....	$\frac{1}{2}$ peck.
50	Celery.....	4-8.....	18.....	200 plants.	150	*Radish.....	1-2.....	16.....	1 oz.
500	*Corn, Sweet..	16-36.....	30.....	2 oz.	200	*Spinach.....	1-3.....	18.....	1 oz.
100	Cucumber....	48.....	Hills 48..	$\frac{1}{2}$ oz.	25	Squash, Summer....	Hills 42..	42.....	$\frac{1}{2}$ oz.
25	Eggplant....	20-30.....	24.....	50 plants.	100	Tomato.....	30.....	36.....	40 plants.
50	*Lettuce.....	4-8.....	Beds 6...	$\frac{1}{2}$ oz.	800	*Turnip.....	2-4.....	18.....	$\frac{1}{2}$ oz.
150	Muskmelon....	Hills 72...	72.....	$\frac{1}{2}$ oz.					

These vegetables marked \* should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.

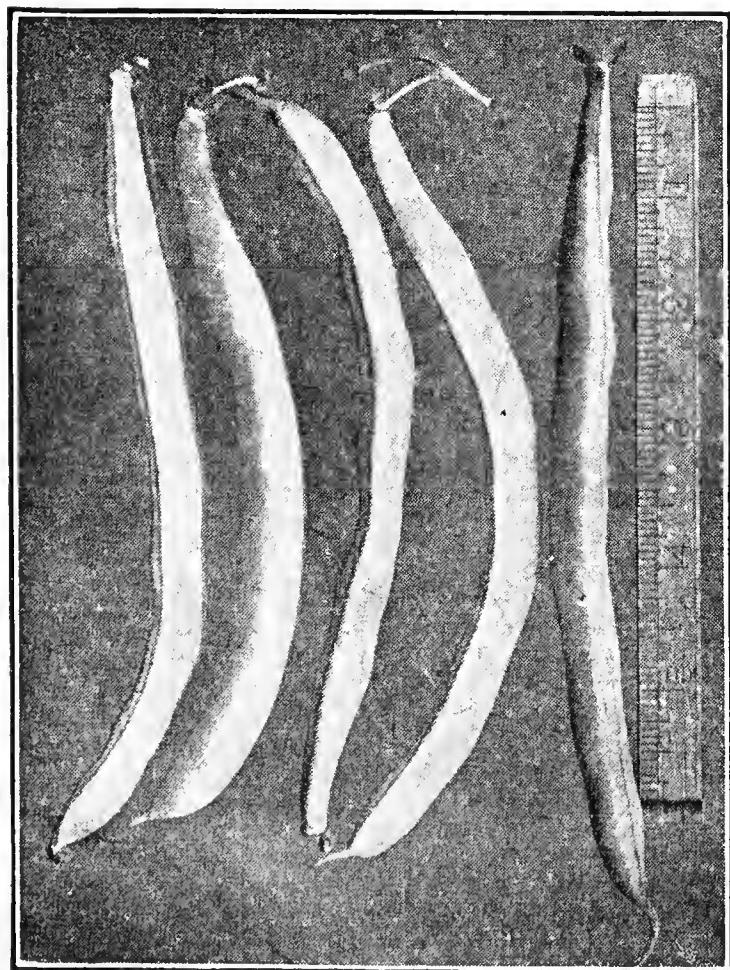


Green Pod Stringless Beans.

**PENCIL POD BLACK WAX.** An old favorite sort, hardy, productive and of excellent flavor. Long, golden yellow pods, stringless and brittle. About the best round podded Wax Bean. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

**NEW KIDNEY WAX.** A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average  $6\frac{1}{2}$  inches long and are an attractive, clear yellow in color. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

**UNRIVALLED WAX.** An immensely productive, very early, showy sort. The fleshy pods are clear yellow in color, with a trace of string but quite fiberless. The plant is very vigorous. This is one of the best yellow podded varieties. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.



Penell Pod Black Wax.

Bohnen  
(Ger.)

## Will's Beans

Boenner  
(Scan.)

Ask for Prices on Large Lots



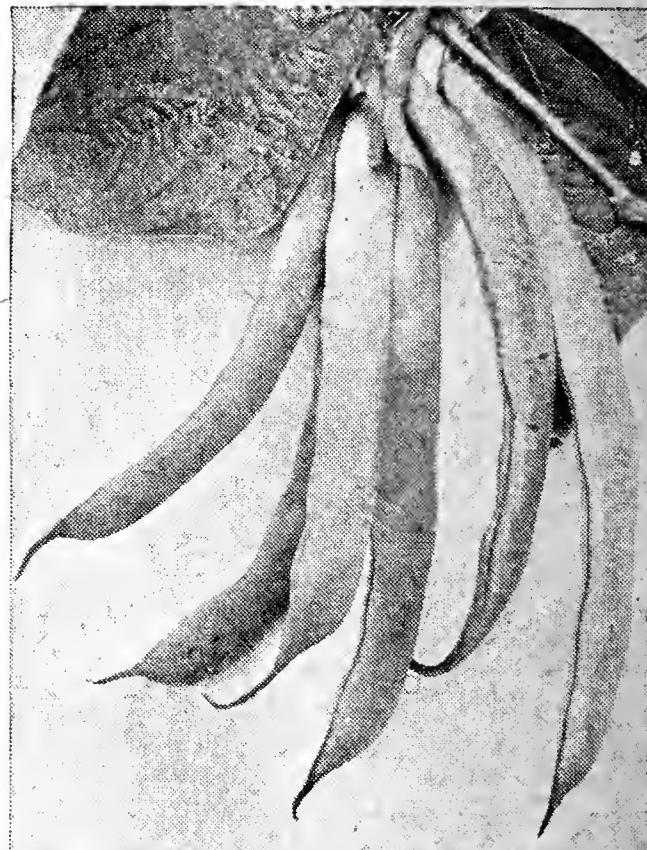
See Page 77

**CULTURE:** Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

### DWARF OR BUSH BEANS

**BOUNTIFUL.** A favorite throughout the Northwest for its earliness, hardiness, and productivity. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardiness and yield under adverse conditions are its best qualities. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

**GREEN POD STRINGLESS.** This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.



Bountiful.

### SHELL or SNAP BEANS

**ENGLISH BROAD WINDSOR.** The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

**DWARF HORTICULTURAL or CRANBERRY.** The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

## DWARF OR BUSH BEANS



Sure Crop Stringless.

**SURECROP STRING-LESS WAX.** A heavy yielding and delicious wax bean. Very bushy with long flat yellow pods. Absolutely stringless; very hardy; rust resistant with a very strong plant growth. The best flat podded Wax Bean. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.



Improved Golden Wax.

**IMPROVED GOLDEN WAX.** This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to North-western climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

**SIOUX STRINGLESS WAX.** (For colored illustration see inside front cover.) The pods are a rich cream yellow, round, nearly straight, crisp, stringless at all stages and with no trace of fibre. Equal to Pencil Pod Black Wax in quality, plus straighter pods, lighter colored seed and heavier yield. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

## POLE BEANS

**KENTUCKY WONDER WAX.** The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

**KENTUCKY WONDER or OLD HOMESTEAD.** The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.60.

## BUSH LIMA

**JACKSON WONDER.** This small seeded, calico colored Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

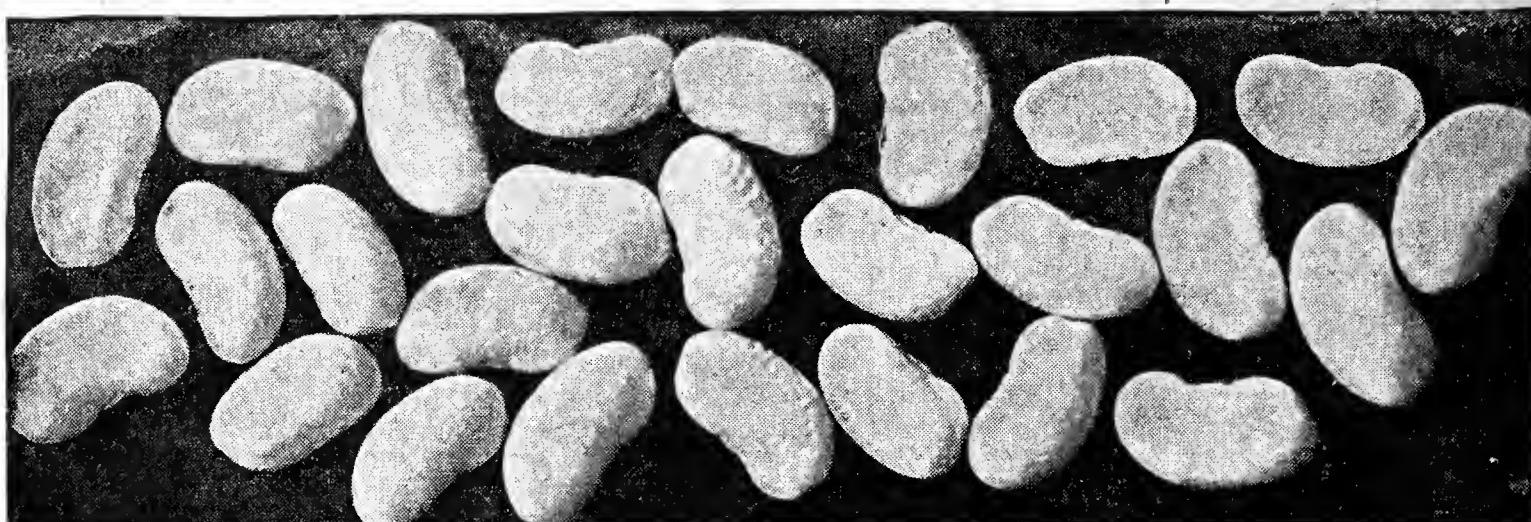
**HOPI SIEVA LIMA.** A small white seeded sort, its flavor is identical with the large Limas. It is as early as Jackson Wonder and very productive. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30.

**FORDHOOK BUSH LIMA.** The best large podded Dwarf Lima. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.



Jackson Wonder Bush Lima.

# Field Beans



Great Northern Baking Beans. Natural Size.

## GREAT NORTHERN

The Most Delicious Baking Bean in the World

Everyone knows the Great Northern Bean, but few know that the seed was originally obtained by Oscar H. Will fifty years ago from Son of a Star, an Hidatza Indian, by whose tribe it had been raised for many years. Hardy, a wonderful yielder, sweeter, more tender, more readily digestible, and more quickly cooked than Navy Beans, the Great Northern is one of the most largely grown field sorts.  $\frac{1}{4}$  lb., 8c;  $\frac{1}{2}$  lb., 14c; 1 lb., 25c. Not prepaid: 10 lbs., \$1.25; 100 lbs., \$10.00.

**HIDATSA RED.** A heavy yielder, hardy and an excellent baking Bean. The seed is similar to the Great Northern in shape, but is red in color. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid.

**ARIKARA YELLOW.** Even better flavored than the Hidatza, but not quite as heavy a yielder. It is named after one of the Ft. Berthold Indian tribes by whom it is much grown. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid.

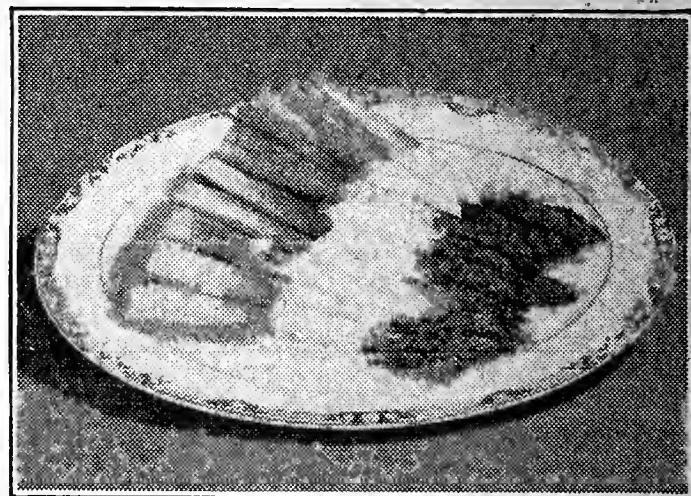
Spargel (Ger.)

## Asparagus

Asparges (Scan.)

**Culture.** One ounce will sow fifty feet of drill. Sow early in Spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

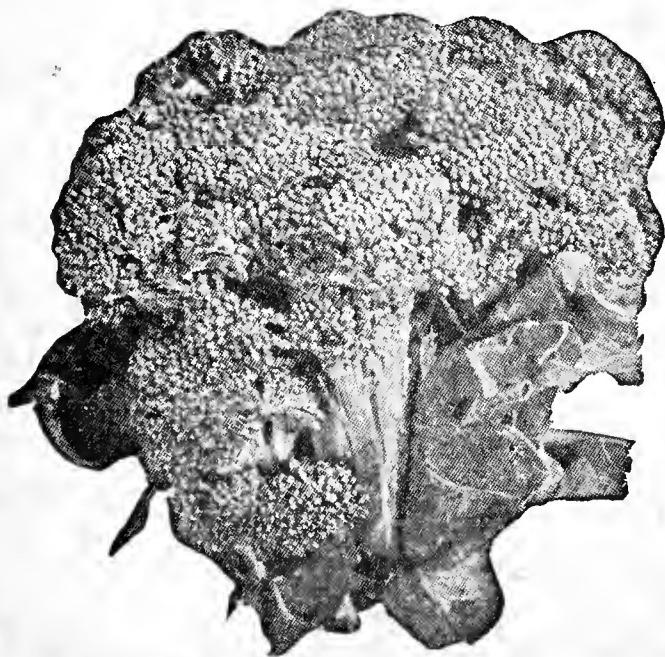
**MARY WASHINGTON.** The new rust resistant variety developed by the experts of the U. S. Department of Agriculture which we believe will soon be grown to the exclusion of all other varieties. A very heavy yielding pedigreed strain; the rich, dark green stalks are long, thick and heavy. About 225 seeds to a packet. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.25, postpaid.



Mary Washington Asparagus.

## ASPARAGUS ROOTS

**MARY WASHINGTON.** Price, postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F. O. B. here, 50, 90c; 100, \$1.65; 1,000, \$12.00.



Green Sprouting Broccoli.

Rosenkohl (Ger.)

## BRUSSELS SPROUTS

Rosenkaal (Scan.)

**LONG ISLAND IMPROVED.** Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

Blätterkohl (Ger.)

## BORECOLE OR KALE

Greenkaal (Scan.)

**GREEN CURLED or SCOTCH.** This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

Spargelkohl (Ger.)

## BROCCOLI

Broccoli-Kaal (Scan.)

**ITALIAN GREEN SPROUTING.** A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown and decidedly worth trying. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

We have bought your seeds for twenty-eight years.

MRS. J. H. BAKER,  
403 Penn Ave. So., Jamestown, N. Dak.

Cichorienwurzel  
(Ger.)**Chicory**Cichorie  
(Scan.)

**ROOTED or COFFEE.** The roots, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early Spring use. About 2000 seeds to the packet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c, postpaid.

Schnittlauch  
(Ger.)**Chives**

**SCHNITTLAUCH** (Grass Onion). The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. About 1200 seeds to the packet. Pkt., 10c; oz., 50c. To those preferring to set out plants we offer Clumps: Each, 25c; 3, 70c, postpaid.

Feldsalat  
(Ger.)**Corn Salad**Vaarsalat  
(Scan.)

**LARGE ROUND-LEAVED.** This is a small, quick growing salad plant for late Fall or early Spring. It may also be cooked for greens. About 300 seeds to the packet. Pkt., 10c; oz., 19c;  $\frac{1}{4}$  lb., 50c, postpaid.



Blackie Egg Plant

**Eierpflanze**  
(Ger.)

**CULTURE:** Sow the seed (which is slow to germinate) in hotbed or in pots or boxes in the house early in the Spring. When all danger of frost is past, transplant in the open ground 2 by 3 feet apart.

Care must be taken not to allow the plants to be checked in growth. Watering may be necessary in extremely dry years, but this delicious vegetable will repay any trouble taken and should be in every garden.

**BLACKIE.** This origination of the Central Experiment Farm, Ottawa, Canada, is a cross between Black Beauty and Extra Early Dwarf Egg Plants. The result is a commercially valuable Egg Plant, much larger than Extra Early Dwarf and very much earlier than Black Beauty. This new sort is **the earliest good sized Egg Plant.** Pkt., 15c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00, postpaid.

**EXTRA EARLY DWARF.** This is **the earliest Egg Plant** grown, ripening nearly two weeks before any of the late sorts. The fruit is small but delicious. This is an exceedingly satisfactory variety for our section. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.35, postpaid.

**BLACK BEAUTY.** Until the introduction of Blackie this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.25, postpaid.

For Egg Plant plants See Page 56

**Gourds**

**EGG.** Resembling in color, shape and size the hen's egg. Do not crack, last for years, and make the best nest eggs. Rapid grower and useful in covering screens, etc. About 60 seeds to the packet. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 70c, postpaid.

**NEW JAPANESE DISHCLOTH or LUCCA.** Ornamental enough for a house vine and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, besides being useful for various articles of fancy work. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 70c, postpaid.

Lauch  
(Ger.)**Leek**Purre  
(Scan.)

**LONDON or FLAG.** Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. About 1200 seeds to the pkt. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

Ocher  
(Ger.)**Okra**Hibiskus  
(Scan.)

**GREEN.** A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c, postpaid.

Garten-Kresse  
(Ger.)**Cress**Karse  
(Scan.)

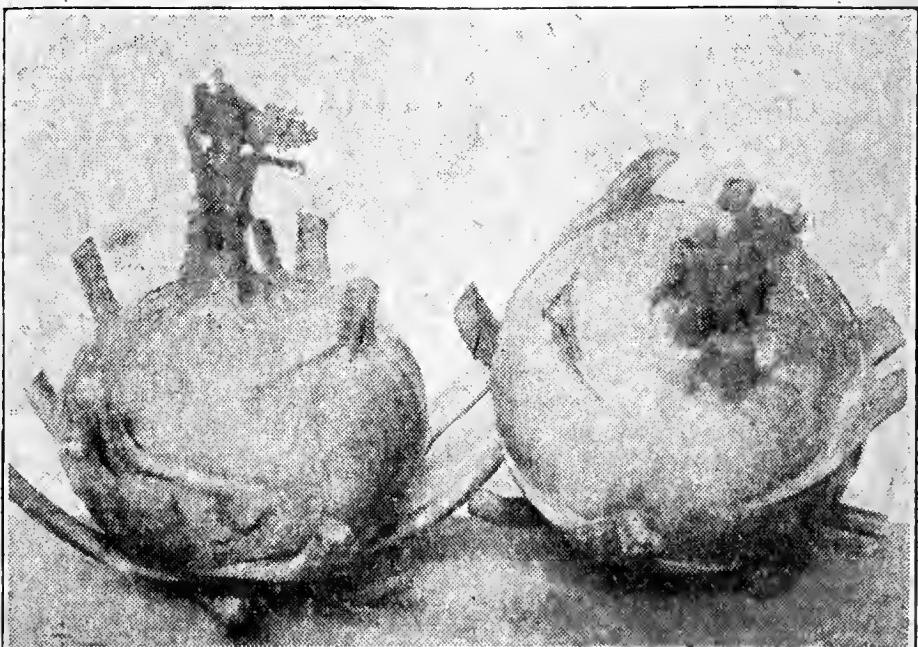
**UPLAND.** Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. About 1700 seeds to the packet. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.

Endivien  
(Ger.)**Endive**Endive  
(Scan.)

**MAMMOTH GREEN CURLED.** The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. About 1400 seeds to the packet. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 45c, postpaid.

**BROAD LEAVED BATAVIAN or ESCAROLE.** One of the best varieties for salads. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c, postpaid.

**MUSHROOM SPAWN—Bottle Spawn.** One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. **Per bottle, 90c, postpaid.**

**Eggplant**Aegplante  
(Scan.)Knoll Kohl  
(Ger.)**Kohl-Rabi**Kaalrabi  
(Scan.)

**EARLY WHITE VIENNA.** This best Kohl-rabi for table use is extra early and easily grown. The very light green or nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

Mangel Wurzel  
(Ger.)

# Mangels or Stock Beets

Runkelroe  
(Scan.)

A necessity for stock and poultry. Mangels, with their enormous yields, furnish body building material and maintain general good health.

**CULTURE:** Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre. About 450 seeds in a packet.

**GOLDEN GIANT or DANISH SLUDSTRUP.** The ovoid roots are reddish yellow, growing more than half above ground and easily harvested. By actual tests this far excels any other variety in weight and feeding value. Oz., 8c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.

**MAMMOTH LONG RED.** This is the heaviest cropping and largest of all Mangels with frequent yields of 40 tons per acre. It grows well above ground and is easily harvested. The deep red roots are straight, well formed and solid. The flesh is pinkish white. This variety is particularly adapted to a deep soil. Oz., 8c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.

**RED ECKENDORF.** This is a phenomenal yielder and more largely planted in Germany than any other sort. Is easy to harvest as the root comes to the largest part above ground. Roots are smooth, of cylindrical shape, and weigh from 15 to 25 lbs. The flesh is white, firm and of high nutritive value. One of the best varieties. Oz., 8c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.

**GIANT HALF SUGAR ROSE.** This is an intermediate type between the sugar beet and mangel, combines sugar content to a degree with the size of the mangel, thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. Oz., 8c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.

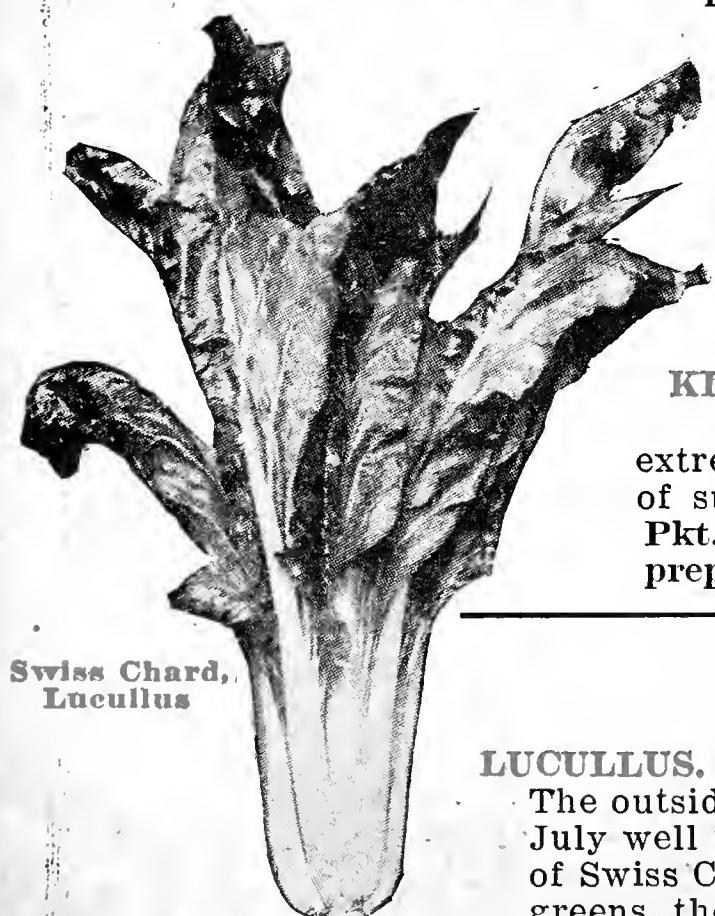


Mammoth Long Red Mangel

**GOLDEN TANKARD.** A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soil. Oz., 8c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.

## Sugar Beet

**KLEIN WANZLEBEN.** A hardy and easily grown white, wedge-shaped sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.



Swiss Chard,  
Lucullus

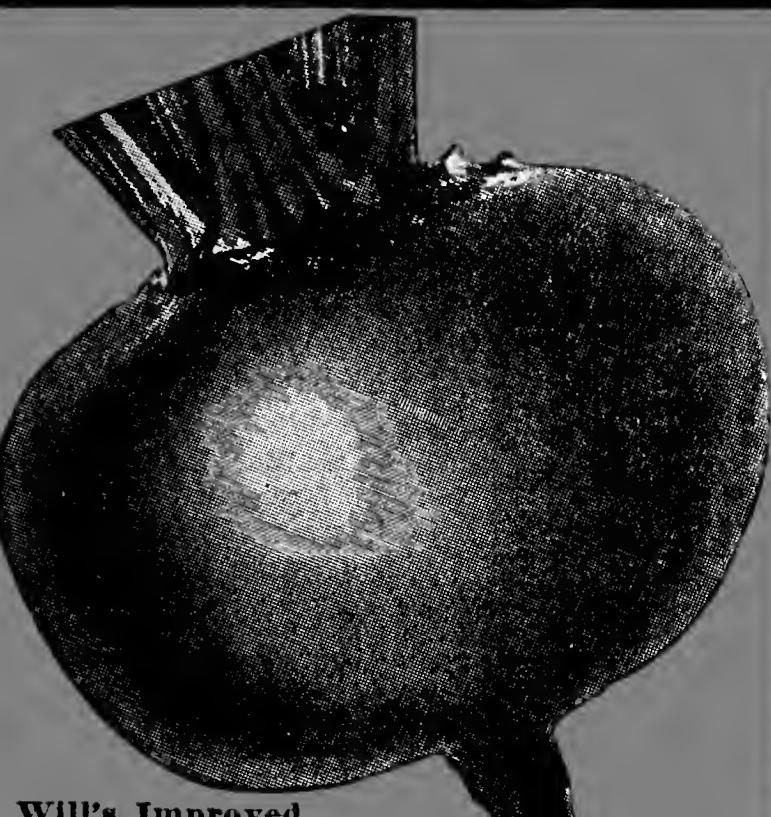
## Swiss Chard

Beisskohl (Ger.)  
Bladbede (Scan.)

**LUCULLUS.** To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and midribs may be cooked like asparagus or used for pickles. Swiss Chard gives big returns with little care. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; 1 lb., 90c, postpaid.

Rübe  
(Ger.)

# BEETS

Roedbede  
(Scan.)

Will's Improved Blood Turnip Beets

**CULTURE:**  
Sow in drills 15 to 18 in. apart as early as the ground can be worked in the Spring. When the plants are large enough to handle, thin to four or five inches apart in the row. One ounce of seed will sow 60 feet of drill; six pounds per acre. About 450 seeds in a packet.

**WILL'S IMPROVED BLOOD TURNIP BEET.** This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. **The best first early Beet** and a good keeper. **Pkt., 5c; oz., 12c; 1/4 lb., 35c; 1/2 lb., 60c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.**

**OHIO CANNER.** This deep blood red Beet is free from zoning, of fine even form, uniform in growth, tender, sweet, and free from stringiness. It is a few days later than our strain of Detroit Dark Red Beet, but holds its tenderness later in its growth than any other sort we have tried. **This is the handsomest Beet when canned** that we know. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 70c; 1 lb., \$1.25, postpaid. Not prepaid, 5 lbs., \$5.60.**

**DETROIT DARK RED.** **The best main crop Beet.** The roots are smooth, medium size, globe-shaped. The skin is a dark blood red and the flesh is a solid vermillion-red with no zoning. **Pkt., 5c; oz., 12c; 1/4 lb., 35c; 1/2 lb., 60c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.**

**LONG SMOOTH BLOOD.** Best of the long garden Beets; drought resistant, a very good keeper and grows until late in the Fall. Excellent for sod planting. **Pkt., 5c; oz., 11c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c, postpaid.**

**EARLY WONDER or BOSTON CROSBY.** This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. **Pkt., 5c; oz., 12c; 1/4 lb., 35c; 1/2 lb., 60c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.**

**ECLIPSE.** A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, crisp and tender. **Pkt., 5c; oz., 12c; 1/4 lb., 35c; 1/2 lb., 60c; 1 lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.35.**

Jan. 30, 1936

In our 30 years in the Dakotas and Montana we have never found any garden seed to equal yours.

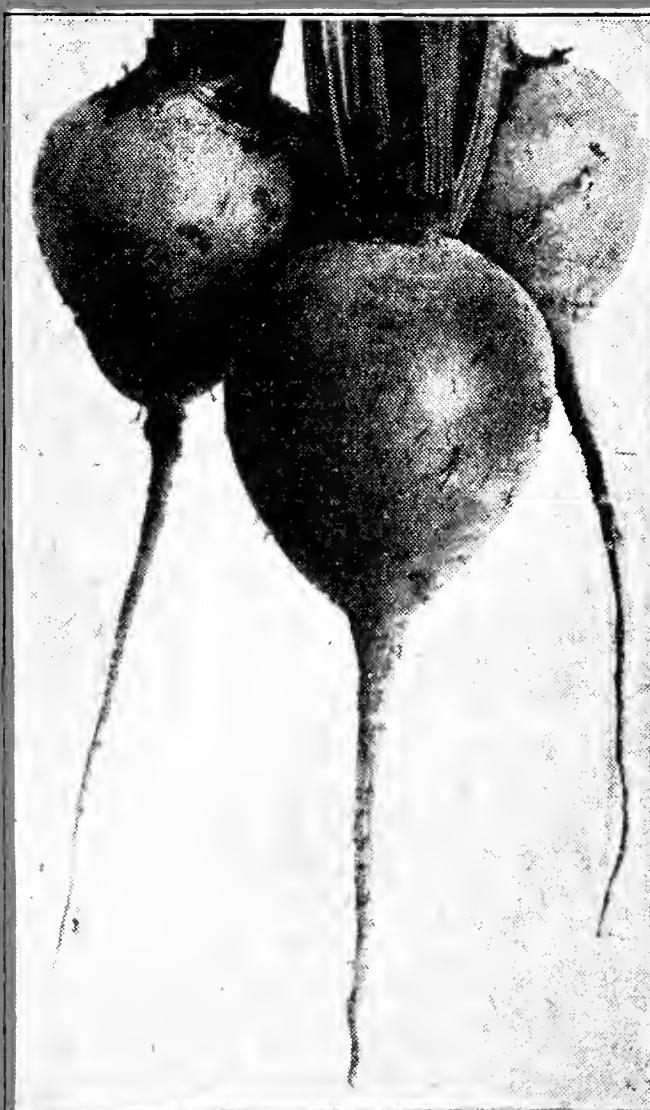
ED. L. JONES, Ovando, Mont.

## CHANGE OF ADDRESS

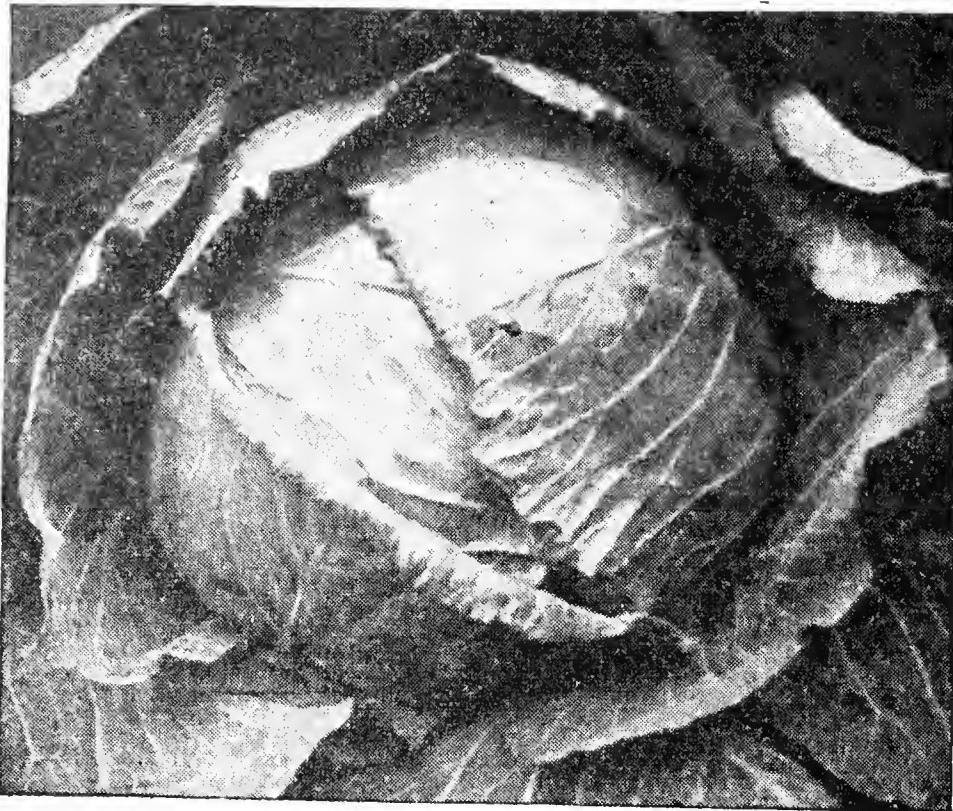
We shall appreciate notification by our customers of any change in address, as the edition of our year book is limited, and we want your copy to reach its proper destination.



Early Wonder Beet



Detroit Dark Red Beet



Copenhagen Market.

opinion the heaviest yielding and best quality Cabbage that can be grown. A tremendous yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short-stemmed and compact, leaves medium light green, thick and smooth, heads averaging about 4 pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.50.

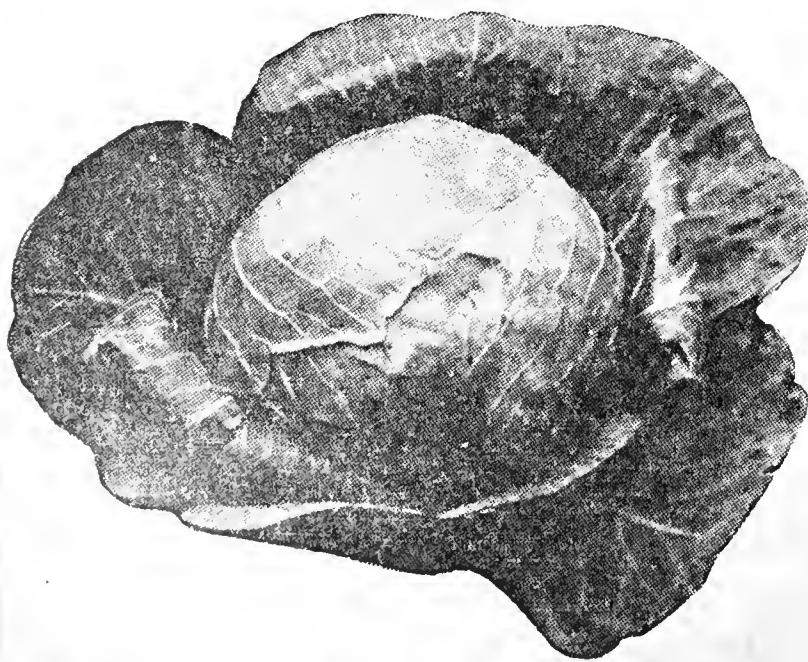
**EARLY JERSEY WAKEFIELD.** The most widely grown and popular extra early variety. The conical heads are solid and the small outer leaves permit of close planting. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00.

I have used your seeds for 35 years and have always had a wonderful garden.—MRS. ALBERT MILLER, Mohall, N. Dak.

**GOLDEN ACRE.** Earliest of All. Of the Copenhagen Market type but ten days earlier, this is the earliest round-headed Cabbage. The plants are dwarf and compact; the medium sized heads are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant Golden Acre. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 95c;  $\frac{1}{2}$  lb., \$1.70; 1 lb., \$3.25.

**WILL'S EARLY JUNE.** This is the earliest flat-headed Cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought re-

sistant, and not subject to diseases, which makes it especially desirable for all parts of the Northwest. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.45; 1 lb., \$2.75.



Will's Early June.

Kraut  
(German)

Hoved Kaal  
(Scandinavian)

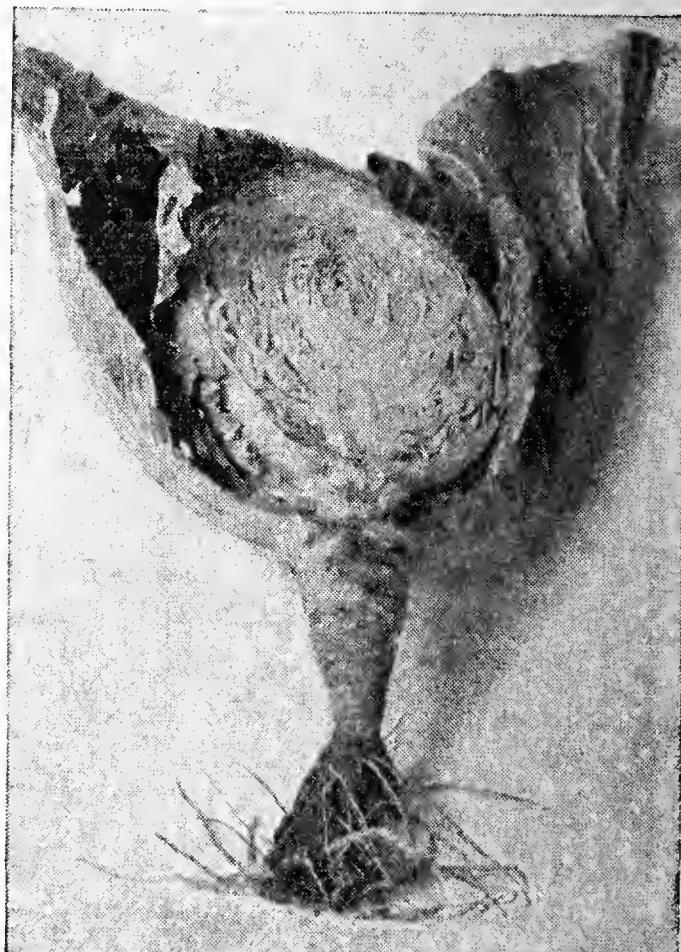
## Cabbage

**Culture:** For very early use sow the seed in hotbed or in boxes in the house. The best and hardiest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small early varieties, and from 2  $\frac{1}{2}$  to 3  $\frac{1}{2}$  feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill, and leaving the strongest plant. One ounce of seed will produce from 1,500 to 2,000 plants in open ground, 3,000 in frames. About 1,000 seeds in a packet.

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

### Early Varieties

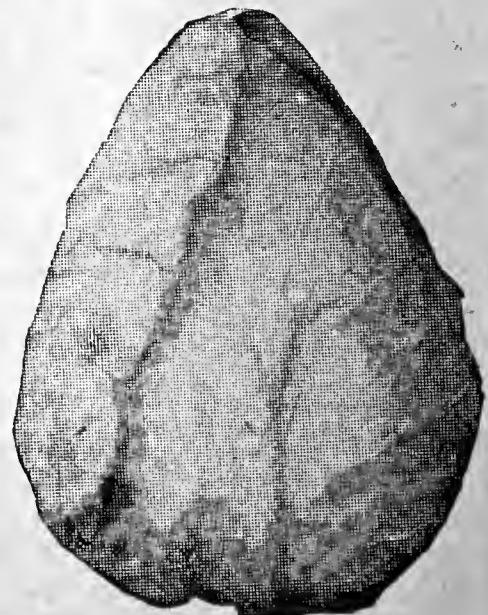
**COPENHAGEN MARKET.** This is in our



Golden Acre.

I especially like your Golden Acre Cabbage and Early June Sweet Corn. I think they are well adapted to this section of the country. MRS. FRANK CHAFFIN, Recluse, Wyo.

FOR CABBAGE PLANTS,  
SEE PAGE 56.

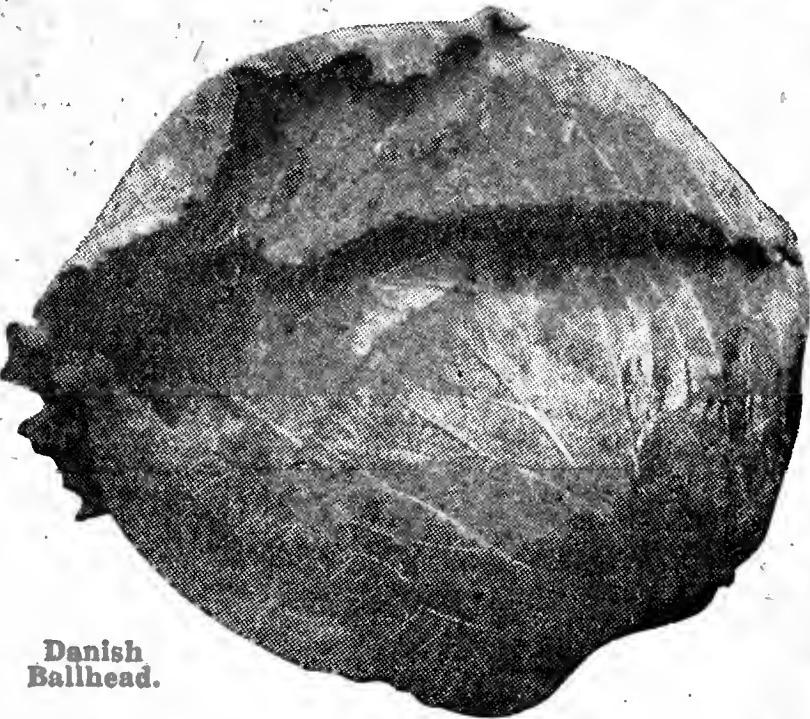


Early Jersey Wakefield.

## More Early Cabbage

**Y WINNIGSTADT.** An old favorite; its hardiness permits early planting. It is the hardest heading of any of the early Cabbages and is the surest cropper under adverse conditions. The heads are broad, pointed, and suffer less from the cabbage worm than most other sorts. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00.

**ORY OF ENKHUIZEN.** Next to the Copenhagen Market, this is perhaps the most universally popular Cabbage with both growers and users. It is intermediate in season between Copenhagen Market and Premium Flat Dutch. Plant is short-stemmed, heads large, round and very solid, with very few outer leaves. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00.



Danish Ballhead.



Will's Selected Premium Flat Dutch.

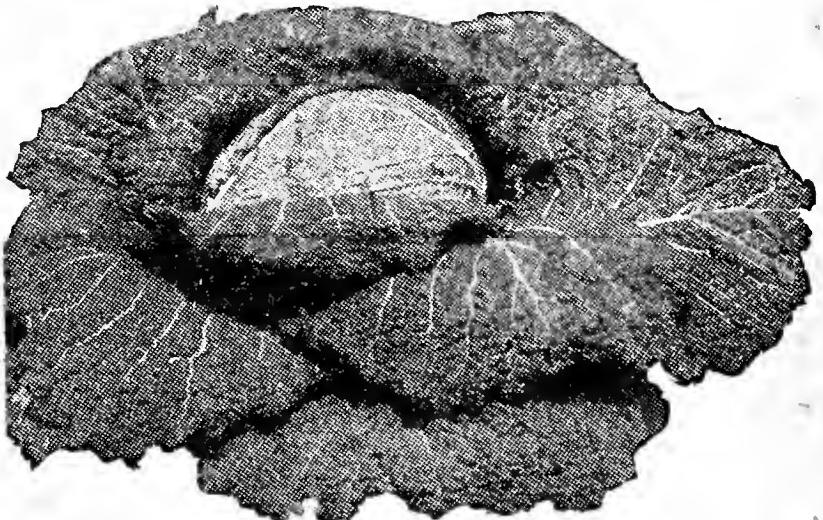
**WILL'S SELECTED PREMIUM FLAT DUTCH.** The largest of the standard late varieties, low growing and a sure header. The flattened heads are bluish green, compact, of handsome appearance, and fine quality. Deservedly this is the most popular of the late flat-heading sorts. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85.

## Late Varieties

### DANISH BALLHEAD (Short Stem or Hollander).

This variety is one of our specialties. It is one of the hardiest and the heads weigh more for their size than any other sort we have ever tried. The round, pale blue-green heads will average from 8 to 10 inches in diameter, crisp, tender and sweet, unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. A great keeper and to our minds the best late Cabbage. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.50.

**RED DRUMHEAD.** The largest and best red Cabbage. A sure header, the heads are round, solid, and deep red in color to the center. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c.



Perfection Drumhead Savoy.

### PERFECTION DRUMHEAD

#### SAVOY.

The Savoys are of better quality than ordinary Cabbage and should be more generally grown. This is the best Winter keeper of the Savoys with round, compact and solid dark green heads with coarsely crimped leaves. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.10.

## Chinese Cabbage

**CHIHLLI—SUREHEAD STRAIN.** This is the earliest, the surest header, and withstands heat better than any other strain of Chinese Cabbage. The cylindrical heads are from 18 to 20 inches in length, solid and white. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from  $2\frac{1}{2}$  to 6 pounds. This vegetable is rapidly increasing in popularity. It is an excellent salad plant, and fine when boiled as you would Cabbage. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00, postpaid.

## Beat the Bugs

Prepare for Cabbage Worms by purchasing Garden Guard or Pioneer Bugex with your seed. See Page 75. Dust as soon as you see moths hovering over Cabbage. Paper Pots and Plant Bands are listed on Page 79.

Have used your seeds several years and found them very satisfactory. Especially like your Cauliflower and Chinese Cabbage Seed as it matures better than other seed I have tried.

MRS. J. G. MILES,  
Barrett, Minn.



Coreless Carrot

Carotten  
(Ger.)

**CULTURE.** Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the Spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, cover one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart. About 3,000 seeds in a packet.

**CORELESS.** The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by 1½ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 20c; ¼ lb., 55c; ½ lb., 80c; 1 lb., \$1.40, postpaid.

**IMPERATOR or TENDER SWEET.** One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to 8½ inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

**FRENCH FORCING.** The earliest variety, used largely for forcing. The tops are small and the roots almost round and about 2½ inches in diameter, orange-red in color. Pkt., 5c; oz., 14c; ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.35, postpaid.

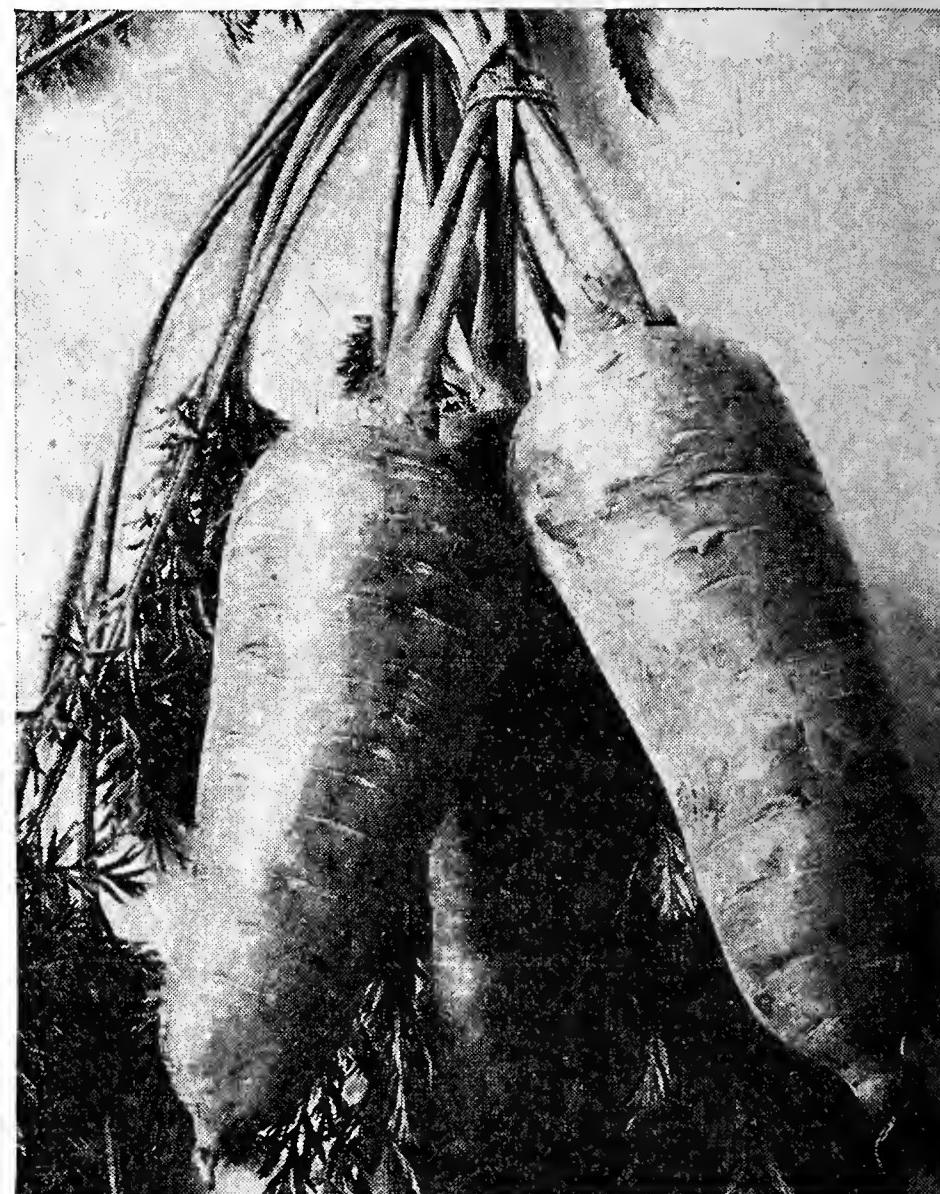
**DANVERS HALF LONG.** The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the large sorts. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

**IMPROVED LONG ORANGE.** An old standard sort, unusually desirable for either field or garden use. A medium early variety and a tremendous yielder, the roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 inches long and 3 inches in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

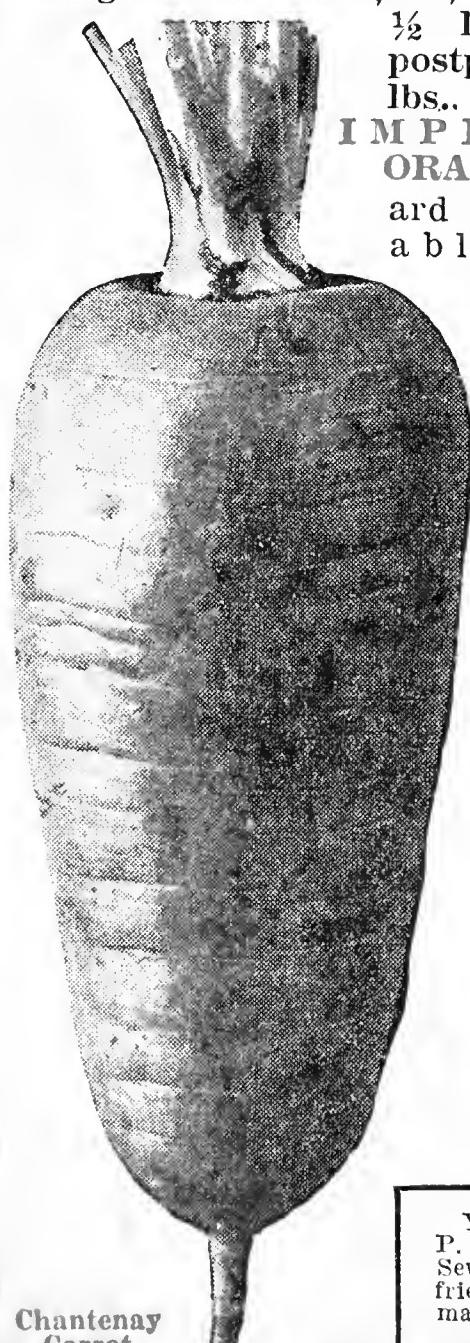
**CHANTENAY or MODEL.** This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

**MASTODON or GIANT WHITE.** The stock carrot is one of our best feed crops. It is a remarkably efficient feed for all domestic animals, but especially good for horses. This is the best of the white varieties and the heaviest cropper. The roots are about 8 inches long and 3 inches through at the shoulder. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.90.

## Will's Best Carrots

Gulerod  
(Scan.)

Danvers Half Long Carrot



Chantenay Carrot

You do not say enough about your Pride of Denmark Carrots. I have tested many varieties and place the P. D.'s in a class by themselves for tender crispness and flavor and the yield is good though not extra heavy. Seven of us have eaten at least 1000 lbs. of P. D.'s mostly raw since October. Some given to neighbors and friends who waxed enthusiastic. More carrots, less cake pay big dividends in health. The Spinach N. Giant makes good "hay." It is very good dried as well as green.

J. S. STANFORD, 445 N. 7th East, Logan, Utah.

## CARROTS

**OXHEART or GUERANDE.** One of the most valuable and popular varieties. When fully grown the type is about  $5\frac{1}{2}$  inches long,  $3\frac{1}{2}$  inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 85c, postpaid. Not prepaid, 5 lbs., \$3.50.



Pride of Denmark Carrots.

**PRIDE OF DENMARK.** A very productive and high quality carrot. The nearly coreless, deep orange roots are from 8 to 9 inches long, and nearly the same size throughout their entire length. The flesh is tender and of the finest quality. In our nursery plantings this variety has yielded the most even and best flavored carrots we have grown. In raising the seed of this Danish strain, every root is dug, inspected for trueness to type, and either rejected, or transplanted to produce the seed crop. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.75, postpaid.



Oxheart Carrots.

Blumenkohl  
(Ger.)

## Cauliflower

Blomkaal  
(Scan.)

## One of the Most Profitable Crops for Market and Small Gardeners

**Culture.** Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 4,000 plants. Seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief, cauliflower is nearly as easy to raise as cabbage. Our pedigree Danish grown cauliflower seed is the best you can buy anywhere. About 240 seeds to a packet.

## HALF OUNCES AT OUNCE RATE



Danamerica Super Snowball.

**DANAMERICA SUPER SNOWBALL.** This Danish introduction is one of the earliest sorts. The plants are short stemmed with profuse foliage protecting the heads. The heads are deep, very firm, very heavy and snow white—wonderfully uniform and tender. Under proper growing conditions this sort will yield practically one hundred percent Grade 1 heads, and seems adapted to a wider range of conditions than any other Cauliflower. Pkt., 20c; oz., \$2.75;  $\frac{1}{4}$  lb., \$9.50.

**DANISH PERFECTION.** This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. Pkt., 10c; oz., \$1.75;  $\frac{1}{4}$  lb., \$6.30.

**LARGE EARLY ERFURT.** One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 10c; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.00.

**SNOWBALL.** The most productive early variety that can be grown and very popular with those who grow for the market. This is the earliest Cauliflower we list and has given us exceptional results in our own plantings. The uniform, medium sized heads are pure white and of the finest quality. Pkt., 10c; oz., \$1.75;  $\frac{1}{4}$  lb., \$6.30.

**DRY WEATHER or DANISH GIANT.** This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot, dry weather than any other sort of its season. Pkt., 10c; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.00.

For Cauliflower Plants, See Page 56.

Because of the altitude and danger of frost I can't raise just everything but the things I can raise are so much better because of your hardy seed that my garden is a marvel to the surrounding ranches. Until I came here they thought it useless to plant anything but a little lettuce. With your seeds I showed them.

HOMER W. BEELER,  
Columbine, Colorado.

Mais  
(Ger.)

Our Specialty



Golden Gem

Bantam quality, with eight rows that put it in the marketing class with Golden Bantam. This variety should be in every home garden and is a money getter for the market gardener. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 42c, postpaid. Not prepaid: 5 lbs., \$1.40; 10 lbs., \$2.65; 50 lbs., \$11.25; 100 lbs., \$22.00.

Your seeds grew fine in my garden last year.  
The Golden Gem Corn was sure early.

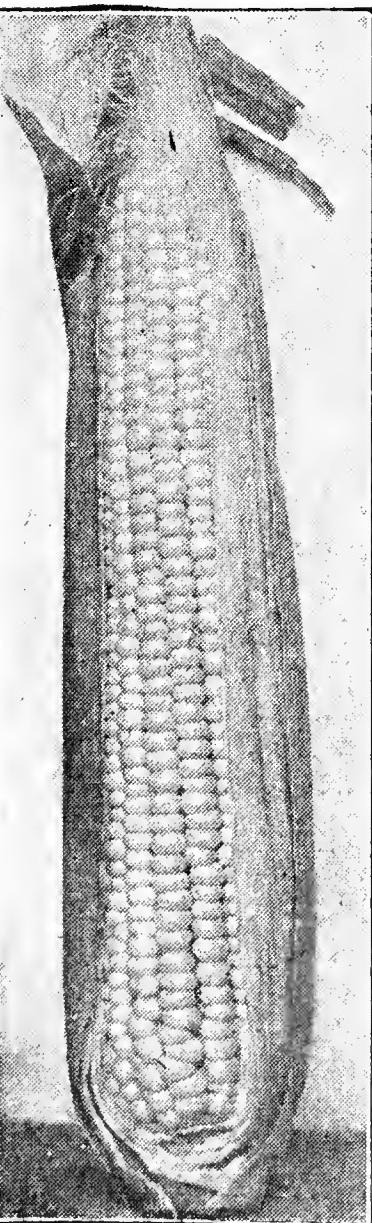
IVAN LUTHER,  
Shelton, Wn., Matlock Route.

**WILL'S EARLY JUNE** (Registered U. S. Patent Office). **The Earliest White Sweet Corn.** A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight-rowed ears are from 4  $\frac{1}{2}$  to 6 inches long. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 23c; 1 lb., 37c, postpaid. Not prepaid: 5 lbs., \$1.15; 10 lbs., \$2.20; 50 lbs., \$9.75; 100 lbs., \$19.00.

**SPANISH GOLD.** An extra early bright golden yellow sort of good quality. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 23c; 1 lb., 37c. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20.

**SUNSHINE.** A golden cross developed by Professor A. F. Yeager of the North Dakota Experiment Station, with twelve-rowed ears, seven to eight inches long. In our plantings, ten days earlier than the earliest strain of Golden Bantam and much larger, this is the closest to the Bantam in quality of any of the golden crosses. A great Corn for the home garden and one the market gardener needs. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 50 lbs., \$11.25; 100 lbs., \$22.00.

**IMPROVED EARLY DAKOTA.** Combining size with earliness, it is the largest of the extra early sorts and one of the best. Its outstanding quality is its uniformity in maturing. The white ears are 12 to 16 rowed, 7 to 8 inches long, borne mostly two to a stalk. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 23c; 1 lb., 37c, postpaid. Not prepaid: 5 lbs., \$1.15; 10 lbs., \$2.20; 50 lbs., \$9.75; 100 lbs., \$19.00.



Sunshine

# Sweet Corn

Mais  
(Scan.)

Our Specialty

**Culture.** Plant in drills about three feet apart, one kernel every six inches, or in hills 2  $\frac{1}{2}$  feet apart in the row, and the rows 3 to 3  $\frac{1}{2}$  feet apart, dropping four or five kernels in a hill. Sweet Corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate. One-fourth pound to 100 hills; 10 pounds per acre. One pound of Sweet Corn is a little more than a pint.

## WILL'S SWEET CORN COLLECTION

This collection is designed to give Corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

Two ounces of each of the following varieties:

**GOLDEN GEM**  
**WILL'S EARLY JUNE**  
**SUNSHINE**

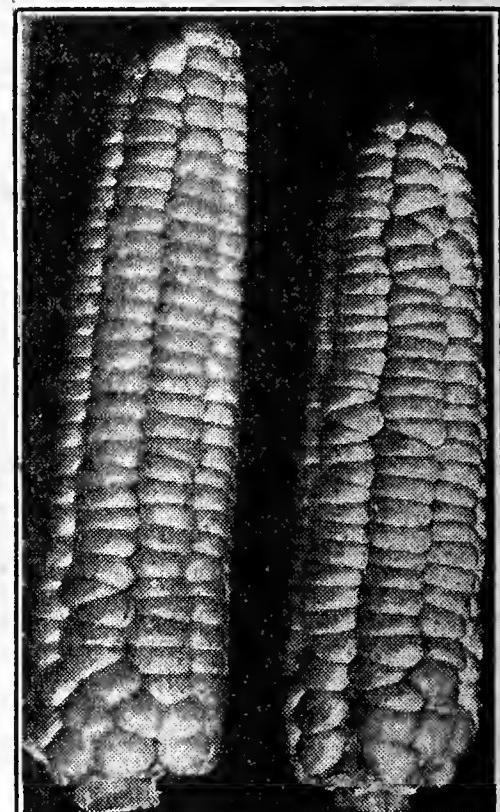
**IMPROVED EARLY DAKOTA**  
**GOLDEN BANTAM**  
**STOWELL'S EVERGREEN**

The Price of the Collection,  
Postpaid

**50c**

### Varieties Listed in Order of Earliness

**GOLDEN GEM SWEET CORN.** A very early golden Sweet Corn developed by Professor A. F. Yeager of North Dakota from a cross of Sunshine with Pickaninny. It is two weeks earlier than Golden Bantam, about four days earlier than Banting and a much heavier yielder in our fields. It is the earliest yellow Sweet Corn of Golden.



Will's Early June

Have used your seed for about 10 years and I will never use any other seed  
than Oscar Will's.

MRS. CECELIA CARLSON,  
R. No. 1, Box 37, Bowbells, N. Dak.

# SWEET CORN

## GREAT PLAINS GOLDEN BANTAM.

**A recombination of a number of smut-resistant selfed strains.** Our stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks, and the characteristic of two ears to a stalk. It is far ahead of any other Golden Bantam we have ever seen for our climate. **Pkt., 10c;  $\frac{1}{4}$  lb., 19c;  $\frac{1}{2}$  lb., 32c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.10; 10 lbs., \$4.00.**

**GOLDEN BANTAM.** The finest Sweet Corn in cultivation and most popular. It is the sweetest and tenderest, a heavy producer, and the ears remain edible for a long time. **Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 23c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.25; 50 lbs., \$10.25; 100 lbs., \$20.00.**

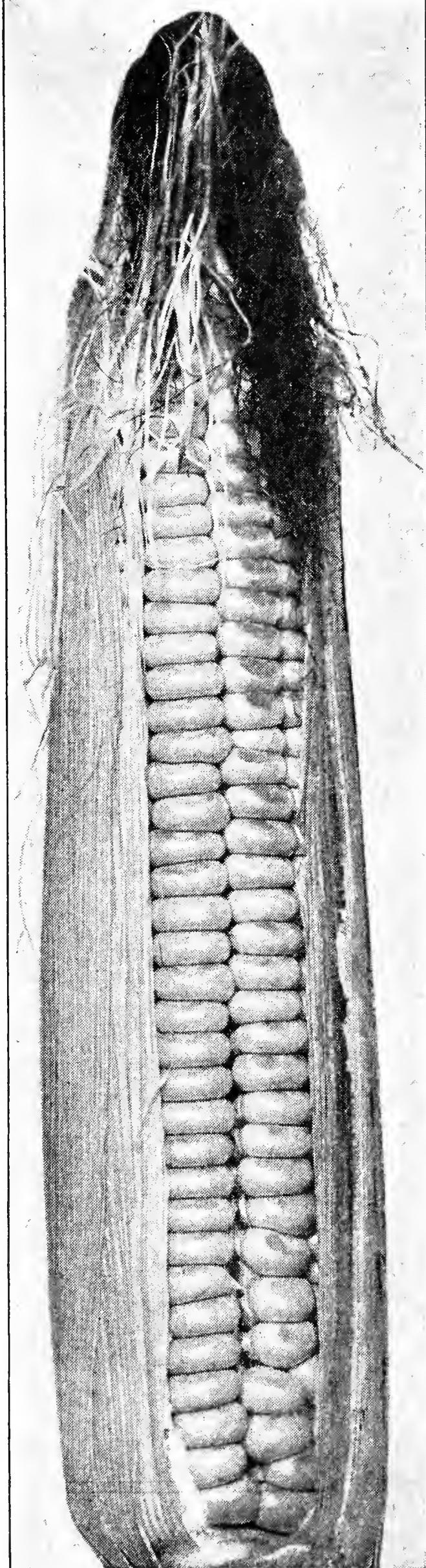
**GOLDEN CROSS BANTAM.** A cross between two pure inbred strains—both developed at Purdue in conjunction with the U. S. Department of Agriculture. Somewhat later than our own strain of Golden Bantam but with true Bantam quality and a heavy yielder of very uniform ears usually with 16 rows of kernels. This is resistant to Stewart's disease. Seed saved from your 1937 crop will not do as well in 1938. For best results the cross must be made each year. **Pkt., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 36c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.55; 10 lbs., \$5.00.**

**STOWELL'S EVERGREEN.** This old reliable, late, tall growing sort is perhaps the great standard main crop. The ears are large, usually 16-rowed, with very sweet, deep white kernels. Besides its table uses the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. **Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.40; 50 lbs., \$10.75; 100 lbs., \$21.00.**

We like your seeds and have used no others. Last year was our driest year for 4 or 5 years. Due to low wells we could not spare water for a drop of irrigation. The gray beetles were very bad, yet we had a fair garden and fine Golden Bantam S. Corn. Saved our own S. Corn and Pea Seed.  
**MRS. R. E. DUMONT,**  
 Camp Crook,  
 S. Dak.

I like your seeds best of any I have ever used and the best and most successful gardens I have had, have been raised by using Will's Seeds. It's actually the best for this climate.  
**MRS. ELIZA LINDER,**  
 Plaza, N. Dak.

Stowell's Evergreen



Golden Bantam

Your seeds are always dependable. My first order was sent you in 1909.

**MRS. CHAS. G. HAWKINS,**  
 Culbertson, Mont.

Gurken  
(Ger.)

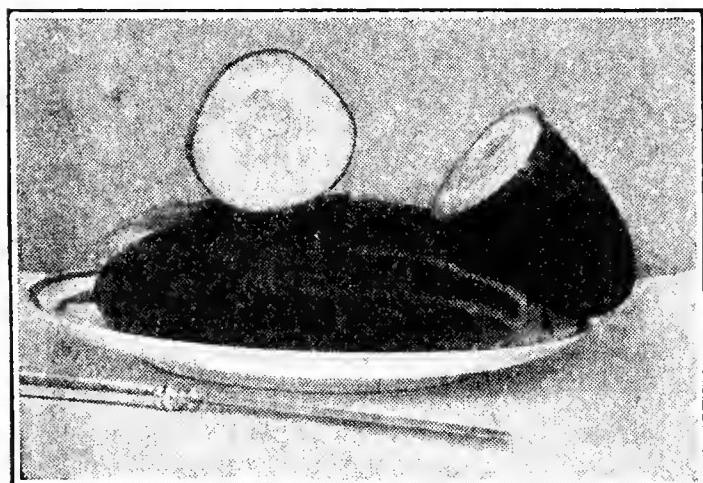
# Will's Cucumbers

Agürk  
(Scan.)

**CULTURE.** As soon as the weather becomes warm and settled in the Spring, plant in well-prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill; cover 1 to 3 inches deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest. Thorough but shallow cultivation is essential. One ounce of seed will plant about eighty hills.

**STRAIGHT EIGHT.** An outstandingly heavy yielder. The uniform and attractive dark green cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends, and about 2 inches in diameter. This is one of the best sorts. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.

**EARLIEST OF ALL.** This is the earliest standard Cucumber of quality in cultivation. It is of fair size and is of special value to those who desire to be first on the market. It is also a very fine home garden sort. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.30, postpaid.



Earliest of All.

**ARLINGTON WHITE SPINE.** One of the earliest and most productive of the famous White Spine group. Fruit about 7 inches long, rounded at both ends, and of bright, deep green color. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.10, postpaid.



Arlington White Spine Cucumber.



Improved Long Green Cucumber.

**IMPROVED LONG GREEN.** This old favorite variety is unequalled among the later sorts. The rich dark green fruits average 12 inches long with crisp white flesh. The standard of table quality and unexcelled for pickles when small. Our stock is superior. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; 1 lb., \$1.50, postpaid.

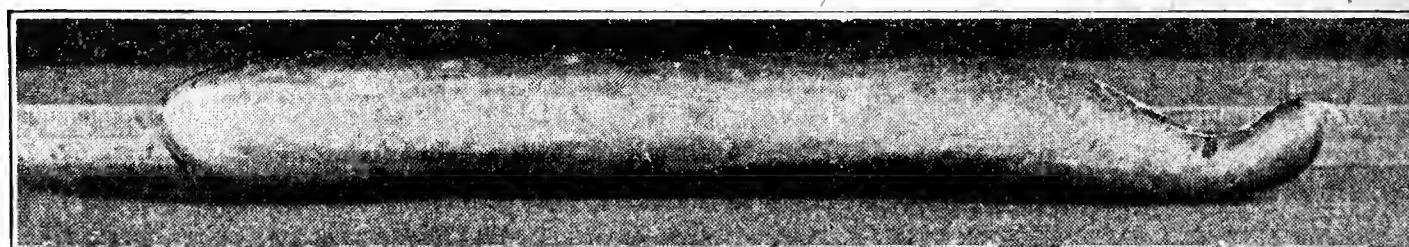
**WEST INDIA GHERKIN.** An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. Pkt., 5c; oz., 16c;  $\frac{1}{4}$  lb., 48c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.60, postpaid.

**WHITE WONDER.** A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good

keeping quality and average about eight inches in length and two and one-half inches through. Pkt., 5c; oz., 16c;  $\frac{1}{4}$  lb., 48c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.60, postpaid.

**DAVIS PERFECT.** A grand variety. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.30, postpaid.

**EARLY CLUSTER.** A pickling type often setting fruit in clusters of 2 or 3. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.30.



20 1/2 Inches of Longfellow Cucumber.

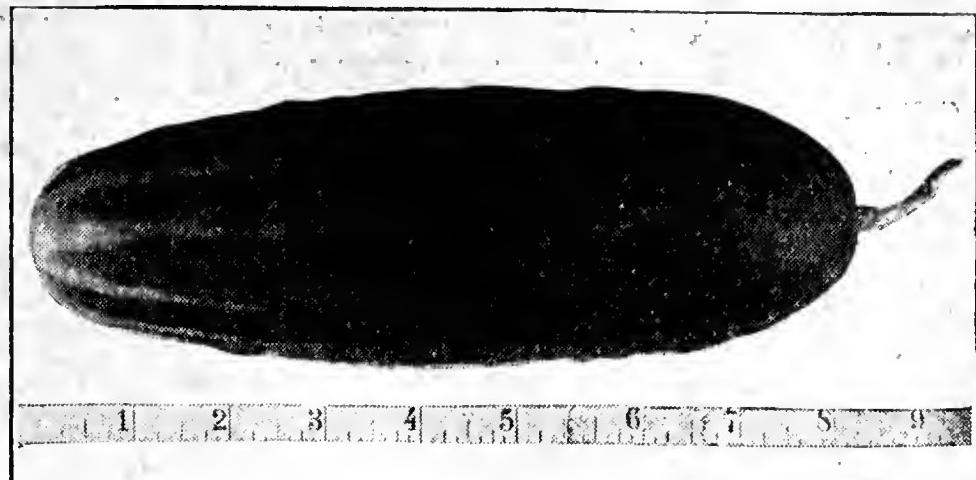
**LONGFELLOW or CHINA LONG.** This variety from China is of finer quality than any other Cucumber we have ever tried. The early ripening fruits commonly reach 20 inches in length and average but 2 inches in diameter. The skin is dark rich green and smooth. The flesh is firm, white, crisp, and unexcelled for slicing. About 90 seeds to the packet. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.35, postpaid.

## LONGEST LONGFELLOW CUCUMBER CONTEST

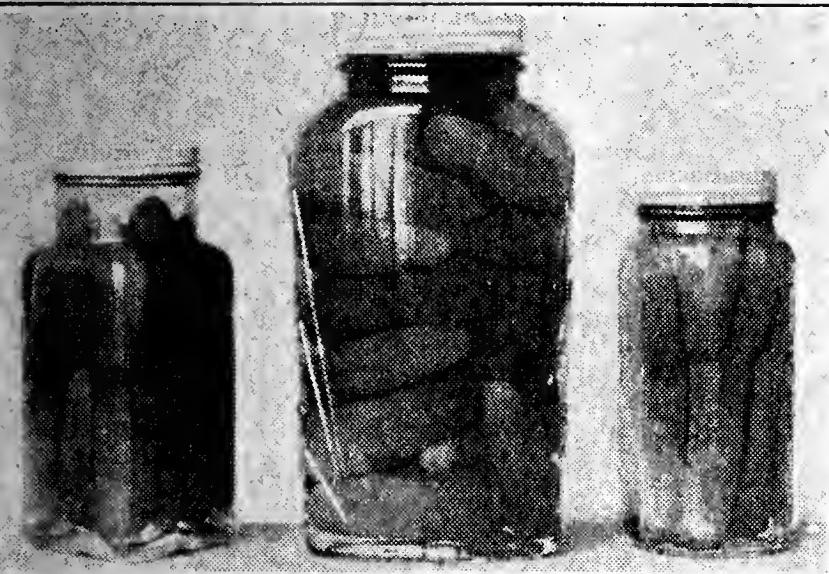
**TO THE GROWER** of the longest cucumber of our Longfellow variety during the Summer of 1937 we will pay ten dollars; to the grower of the second longest, \$5.00; for third place, \$3.00; and to fourth, fifth and sixth place, one dollar in trade. Cucumbers may be sent to our store or we will accept affidavits. Measurement is to be along axis of cucumber. The contest closes October 1, 1937, and but one prize will be awarded to an individual. The winner of the 1936 contest is Frank Cosco, Sheridan, Wyo., with a cucumber 37 1/2 inches long.

# Will's Cucumbers

**X FORTUNE.** Each year serves to demonstrate further the superiority of this superb variety. Extra early, rich dark green in color, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.30, postpaid.

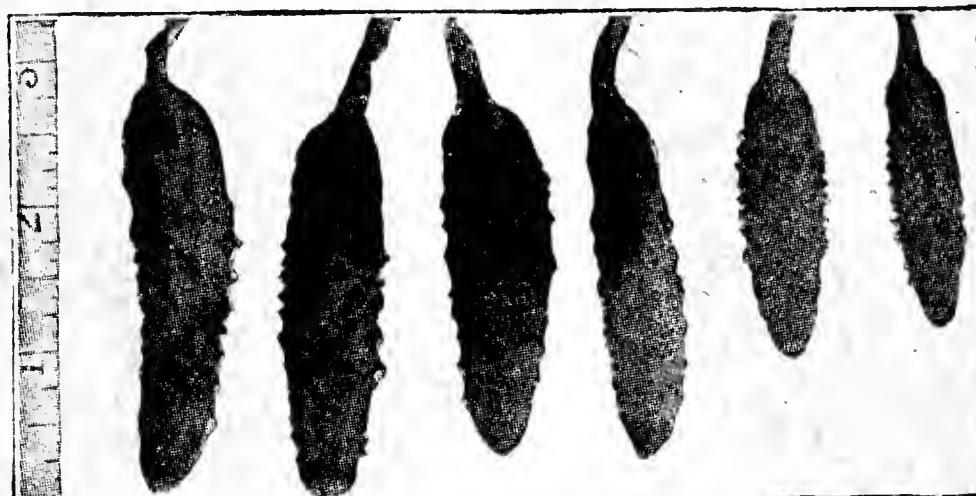


Early Fortune.



Chicago Pickling Cucumbers.

**CHICAGO PICKLING.** The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is



Early Fortune (Pickling Size).

used almost exclusively by the largest factories. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.10, postpaid.

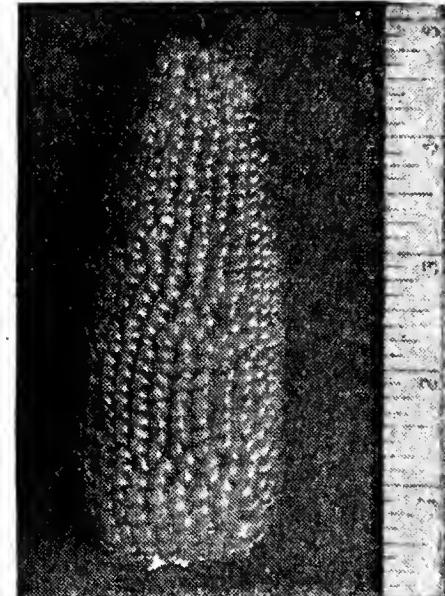
## Pop Corn

About 200 seeds  
to the packet.

**PINKY.** (See page 1 for illustration.) This pink pop corn is the best popper we know and has been developed by Professor A. F. Yeager. It is early and a good yielder. Pkt., 5c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.60.

**JAPANESE HULLESS.** Of wonderful popping quality this is one of the best sorts. The ordinary strains are too late for this section, but our own early strain has ripened here for the past 15 years. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 23c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$2.00; 50 lbs., \$9.50.

**GOLDEN TOM THUMB.** This is the very earliest variety of pop corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but quality is excellent and it never fails. Pkt., 5c;  $\frac{1}{4}$  lb., 16c, postpaid.



Japanese Hulless.

**IRIQUOIS.** This variety is of the White Rice type, obtained from the Iroquois Indians of New York some years ago. It is a very good yielder, and so much earlier than the ordinary White Rice that we have quit growing the White Rice. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.70.

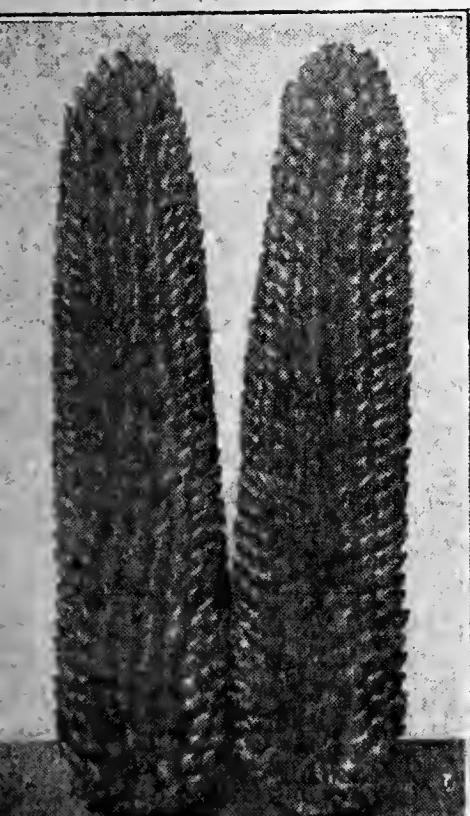
**BLACK BEAUTY.** One of the earliest varieties, this sort makes very tender and high quality pop corn. The ears are about six inches long, black or nearly so. They pop pure white. This is not generally regarded as a commercial variety but is one of the best for the home garden. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 23c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$2.00.

**SOUTH AMERICAN.** The yellow kernels pop to enormous size and when popped are a rich creamy shade. It is fast becoming a favorite with the pop corn merchants. It is a heavy yielder, and though later than the other varieties we list, it is worthy of trial. We offer seed of our own growing. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40.

### POP CORN FOR POPPING

Not prepaid, 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.60; 100 lbs., \$15.00.

**CORN POPPER.** Takes all the tired muscles and burned faces out of popping corn. Made both for use with any coal stove or with attachment for electricity. Pops quickly and completely, put in a handful of popcorn and the popper does the rest. Price, postpaid, equipped with heating unit but without cord, \$1.25. Plain popper for use with coal, oil or gas stove, 65c.



Iroquois Pop Corn.

# Pioneer Brand Lettuce

**Culture.** For very early use the seed may be sown in hotbed, and as soon as the warm weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession.

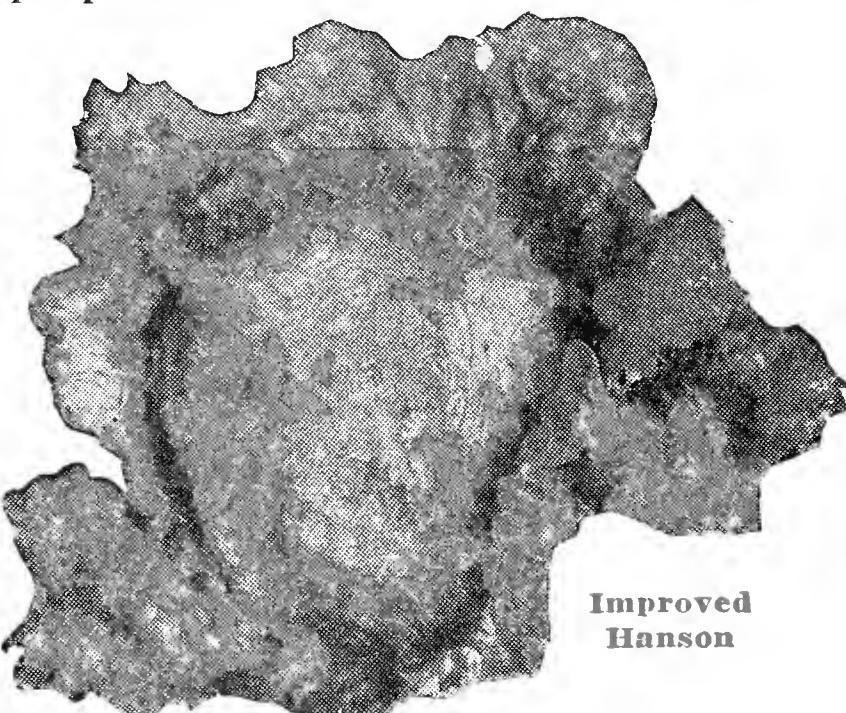
One ounce for 200 feet of drill. About 2,000 seeds to the packet.

Kopfsalat  
(German)

## HEADING VARIETIES

Salat  
(Scandinavian)

**MIGNONETTE.** The earliest and surest heading sort, fine for home gardens and fit for use 6 days before May King. The heads are small and the outer leaves are medium dark brown with a dark greenish tinge. Probably the most delicate in flavor and tender in texture of the crisp varieties, this is slow to shoot to seed for so early a sort. Very reliable for Spring and Fall sowing and one of the most compact and hardest heading of all lettuces. Not a market gardener's variety, but its earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.



Improved  
Hanson

**IMPROVED HANSON.** One of the most reliable, sure heading sorts—the earliest of the Crisp Head Lettuces. The heads are large; the leaves clear green, blistered and crumpled with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drought and is a slow seeder. We recommend this variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**CRISP-AS-ICE—HARTFORD BRONZE HEAD.** One of the best varieties for the home garden, an excellent buttery sureheader of delicate flavor and tender quality. The compact heads are of medium size, dark green overlaid with bronze in color. In our trials this sort seems to withstand the drought better than any other. Slow to go to seed. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.35, postpaid.



Crisp-As-Ice



Black Seeded Tennisball

**EARLY BLACK SEEDED TENNISBALL—SALAMANDER.** One of the most reliable, sure heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. This is one of the surest heading sorts for the Northwest. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.20, postpaid.

**ICEBERG.** A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanched. The outer leaves are crumpled and blistered, in color a medium green with a faint brown tinge on the border. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

Feb. 11, 1936.

We have used your garden and field seed for 33 years and are well satisfied with it. We always have a good garden.

MR. & MRS. K. SCHLOSSER,  
Braddock, N. Dak.

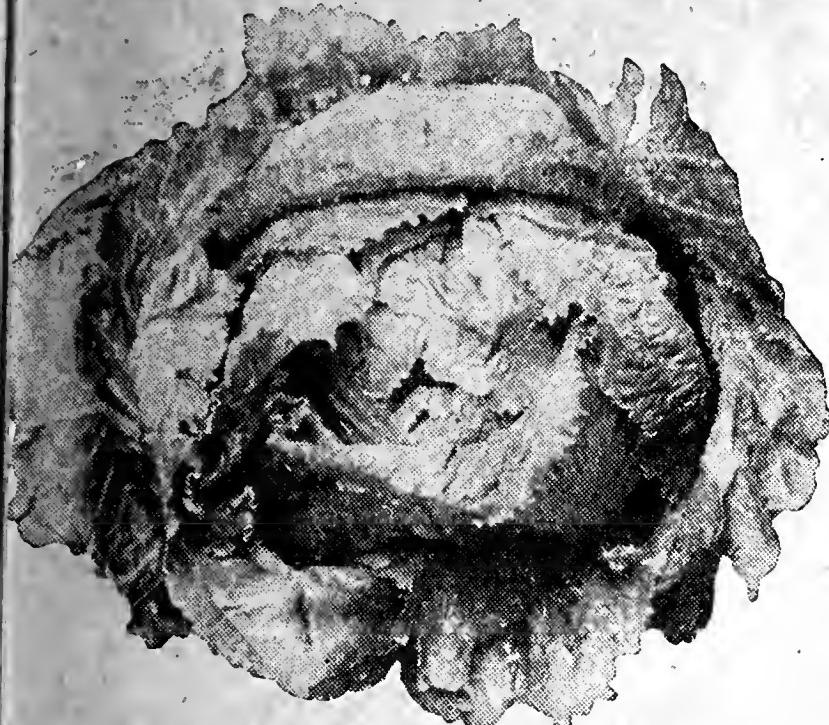


May King

**MAY KING.** An extremely early, compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is perhaps the best head lettuce for this section. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**BIG BOSTON.** Early, large, bright green heads, lightly tinged with brown on the outer leaves. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The heart blanches a greenish white tinged with yellow. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.20, postpaid.

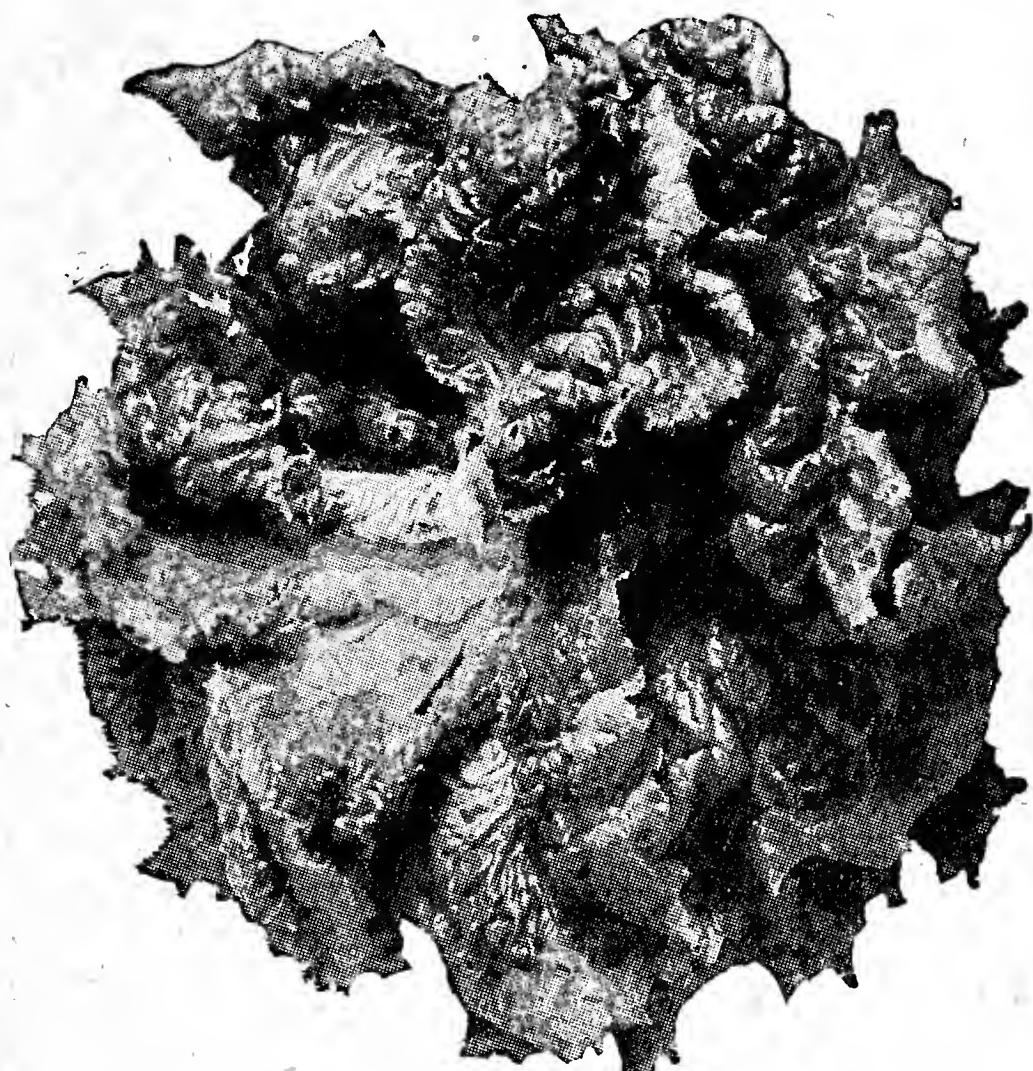
**PARIS WHITE COS.** This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside, when it becomes exceedingly crisp and sweet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.



New York Lettuce

## CURLED or LOOSE HEAD VARIETIES

**EARLY CURLED SIMPSON—WHITE SEEDED.** An old favorite and probably our best leaf lettuce for outdoor planting. The plants are medium large, quick growing and hardy, very early and not running to seed as quickly as many of the early sorts. The leaves are light green, much crumpled, very crisp and tender. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.



Early Curled Simpson

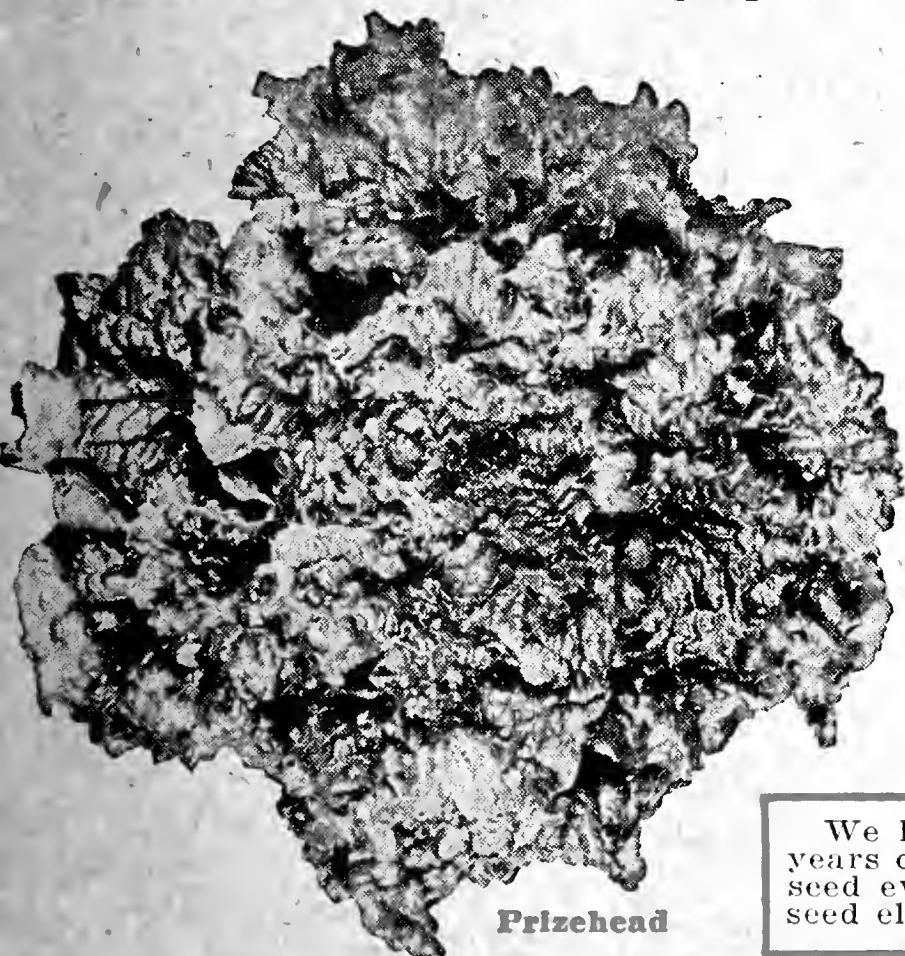
**GRAND RAPIDS FORCING.** The favorite loose leaved forcing lettuce, and fine for early planting outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**BLACK SEEDED SIMPSON.** One of the most popular leaf lettuces it is an early, quick growing, large, crisp sort, light yellowish green in color, and of fine quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**PRIZEHEAD.** This old favorite is undoubtedly the most easily grown variety and excellent for the home garden. It is early, compact in growth, and stands heat. Leaves are much crumpled and frilled, bright green, tinged with brownish red, crisp and tender. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

We have been one of your very satisfied customers for 30 years or more. We have always had a good garden from your seed even in dry years. We would not think of buying our seed elsewhere.

MRS. IDA WALTERS, Sharon, N. Dak.



Prizehead

**ANISE.** Used in garnishing and flavoring. Seeds are aromatic.  
Pkt., 5c; oz., 15c.

**CARAWAY.** Grown for seeds which are used in flavoring. Pkt., 5c;  
oz., 15c.

**CATNIP.** Leaves used for seasoning. Plant this and make your cat happy. Pkt., 10c.  
**DILL.** The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 10c;  
 $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**HOREHOUND.** Used for seasoning and as a cough remedy. Pkt., 5c.

**LAVENDER.** Its flowers are used in perfumery. Pkt., 10c.

**MUSTARD (Large White Seeded).** Seed used in flavoring pickles. Pkt., 5c; oz., 10c.

**ROSEMARY.** Aromatic leaves used for seasoning. Pkt., 10c.

**SAGE.** The most extensively used herb for seasoning and stuffing. Pkt., 10c; oz., 40c.

**SUMMER SAVORY.** Leaves and flowers flavor soups and dressings. Pkt., 5c; oz., 20c.

**SWEET MARJORAM.** Leaves and ends of shoots used for seasoning, both green and dried. Pkt., 5c; oz., 20c.

**WORMWOOD.** A tea made of leaves is a remedy for headache. Pkt., 10c.

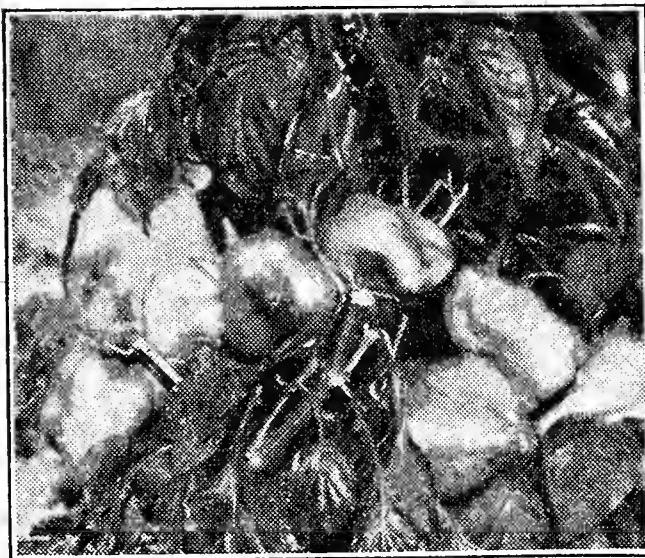
**WOOD.** Beneficial for poultry; should be planted in poultry yards. Pkt., 10c.



Dill

## Pfeffer (German)

**Culture.** Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and when all danger of frost is past, transplant in the open ground in rows  $2\frac{1}{2}$  feet apart, setting the plants about 18 inches apart in the row. About 200 seeds to the packet.



Hungarian Thick Meat Pepper.

and prolific. Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 70c.

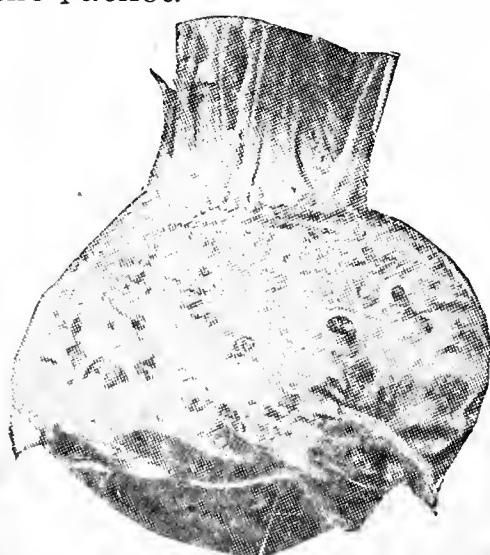
**HARRIS' EARLIEST.** **The Earliest Pepper.** Earlier and more productive than Neapolitan; the plants are dwarf and compact with fruits averaging  $3\frac{1}{2}$  inches long by  $2\frac{1}{2}$  inches through. The flesh is thick and mild. The only sure variety in unfavorable seasons. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**TOMATO-SQUASH or SUNNYBROOK.** The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. This variety is medium early and excellent for stuffing and salads. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 50c.

**RUBY KING.** One of the most dependable and satisfactory varieties for both home and market gardens. Pkt., 10c; oz., 30c.

**RED CAYENNE.** Long, red, strong and pungent. Pkt., 10c; oz., 35c.

**Culture.** Sow the seed (which is slow to germinate) in shallow boxes in the house early in the spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June or July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Celery should receive enough water at all times to prevent its growth being checked. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand. About 7,000 seeds to the packet.



Celeriac or Turnip-Rooted Celery.

## Peppers

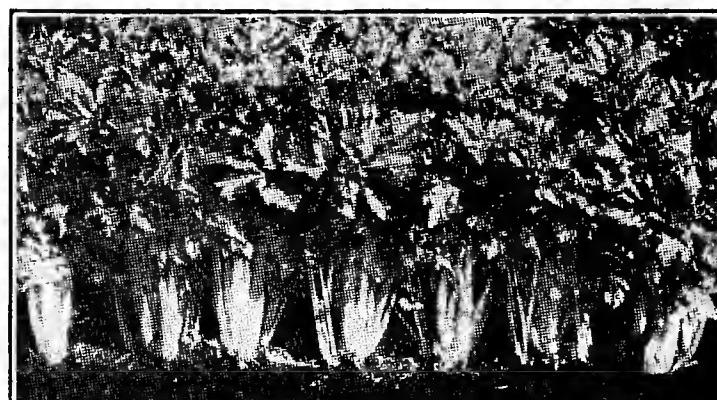
## Spansk Peber (Scandinavian)



Harris' Earliest.

**HUNGARIAN THICK MEAT.** This large, mild but tangy Sweet Pepper has the **thickest meat of any** pepper we have seen. The fruits are  $5\frac{1}{2}$  inches long by  $3\frac{1}{2}$  inches through, light waxy yellow when young and turning to a bright red when ripe. This sort is very early

For Hardy Pepper Plants, See Page 56



Golden Self-Blanching Celery.

of severe freezing withstands heat better. Not a Winter keeper. It is a beautiful gold in color, brittle and of highest table quality. **Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25, postpaid.**

**GOLDEN PLUME or WONDERFUL.** This selection from Golden Self-Blanching has the crispness and nuttiness of that variety, but is earlier, larger and of ranker growth, and blanches more quickly. It is apparently most resistant to rust and disease and

**GOLDEN SELF-BLANCHING.** Ours is a superior, dependable strain of this standard celery for early use. It is not quite as early as White Plume, but the plants are heavier and of more compact growth. Self-blanching, the color is a rich golden yellow; nearly stringless; the stalks are thick, crisp and brittle; while for flavor this sort is unsurpassed. **Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$2.00; 1 lb., \$3.75, postpaid.**

**WHITE PLUME.** One of the earliest varieties and most easily blanched. A rapid grower, it is not a very good keeper, but one of the best sorts for fall and early winter. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 70c, postpaid.**

**WINTER QUEEN.** A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. **Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.**

**GIANT PASCAL.** A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. **Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.40, postpaid.**

**CELERIAC OR TURNIP-ROOTED CELERY—GIANT PRAGUE.** This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. **Pkt., 8c; oz., 25c;  $\frac{1}{4}$  lb., 70c, postpaid.**

For Celery Plants, See Page 56.

## Celery

## Sellerie (German)

## Selleri (Scandinavian)

**GOLDEN PLUME or WONDERFUL.** This selection from Golden Self-Blanching has the crispness and nuttiness of that variety, but is earlier, larger and of ranker growth, and blanches more quickly. It is apparently most resistant to rust and disease and

withstands heat better. Not a Winter keeper. It is a beautiful gold in color, brittle and of highest table quality. **Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25, postpaid.**

Pastinake  
(German)**PARSNIPS**Pastinak  
(Scandinavian)

**Culture.** Sow as early in the Spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle. A freeze improves the quality. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

Improved Guernsey Parsnip.

**LONG SMOOTH or HOLLOW CROWN.** A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 24c;  $\frac{1}{2}$  lb., 40c; lb., 70c, postpaid.

**IMPROVED GUERNSEY.** This is the thicker, heavier type of Parsnip. Fine grained and sweet flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 24c;  $\frac{1}{2}$  lb., 40c; lb., 70c, postpaid.

Your Seeds are the best I find in all my experience, and I love my garden.

MRS. MABELLE L. BERNIER, 206 Chestnut St., Providence, R. I.

Melonen-Kürbiss  
(German)**PUMPKINS For the Northwest**Graeskar  
(Scandinavian)

**CULTURE.** Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

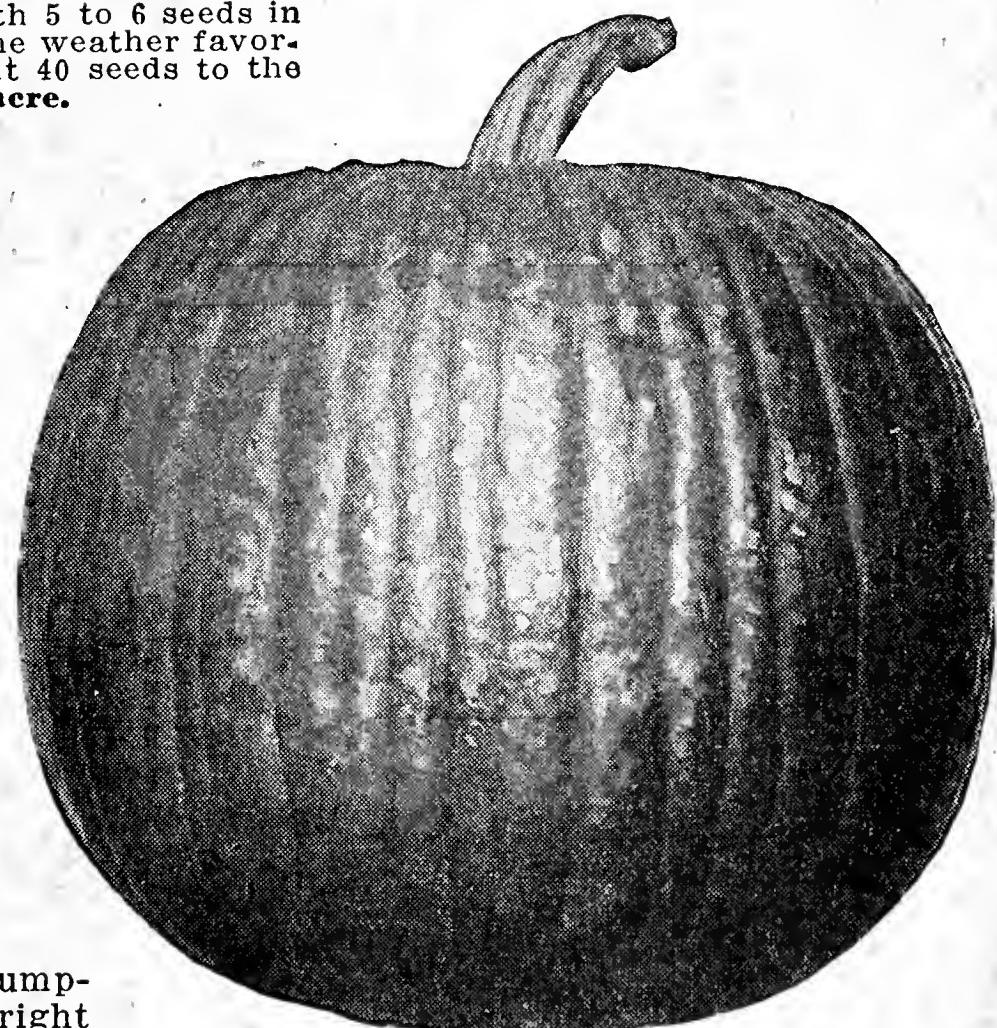
**CONNECTICUT FIELD or BIG TOM.** A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 22c;  $\frac{1}{2}$  lb., 35c; lb., 60c, postpaid.

**FORT BERTHOLD.** See colored picture on inside back cover. Selection for some years from the squash seed obtained from the Mandan and Arikara Indians has resulted in this wonderfully early Pumpkin of unusual hardiness. The fruits are small, round, flattened on the ends, and of first quality. They are either orange or cream in color with orange predominating. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c, postpaid.

**SWEET SUGAR or NEW ENGLAND PIE.** This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 24c;  $\frac{1}{2}$  lb., 40c; lb., 70c, postpaid.

**KING OF MAMMOTHS.** The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

**OMAHA.** A very early, oblong, orange sort, but little later than the Fort Berthold and much thicker meated. This is a selection over a period of years from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c, postpaid.



Sweet Sugar Pumpkin



Fort Berthold

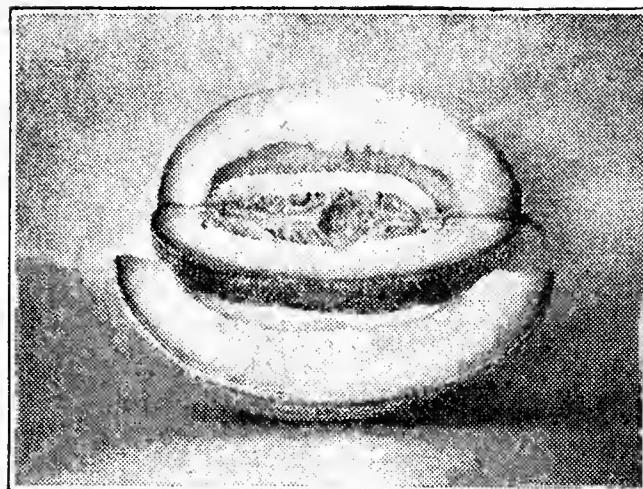
Have been ordering garden seed from you since our marriage in 1907 and as long as I can remember my father did the same before then and they have always proved the best we could buy.

C. A. BUXTON, Sand Creek, Mont.

Melone  
(Ger.)

## Will's Muskmelons

Melon  
(Scan.)



Early Tye.

**EARLY TYE.** A very early melon of superior quality. But a few days later than Page's Early and of far better quality. The oval melons are of medium size, ribbed and somewhat netted. The flesh is orange, thick, and of good quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.80, postpaid.

**HALE'S BEST.** The earliest of the Rockyford type, and probably the most widely grown variety. The melons are oval, about 6 inches long by  $4\frac{1}{2}$  in. diameter with heavy netting. The flesh is exceptionally thick and deep salmon in color. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**PAGE'S EARLY.** The earliest of all Muskmelons. It is not equal in quality to the other varieties that we list, although by careful selection during the past eight years the quality and flavor are much improved. If you haven't been able to raise Muskmelons before, try this one. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.80, postpaid.

**VINE PEACH (Vegetable Orange or Mango Melon).** This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.

**Culture.** When the ground has become warm, plant in hills, four or five feet apart each way, 6 to 12 seeds in a hill. When danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible. **Only our early, hardy Melons are worth planting in the Northwest.** One ounce of seed to fifty hills; 2 to 3 pounds per acre. About 125 seeds to the packet.

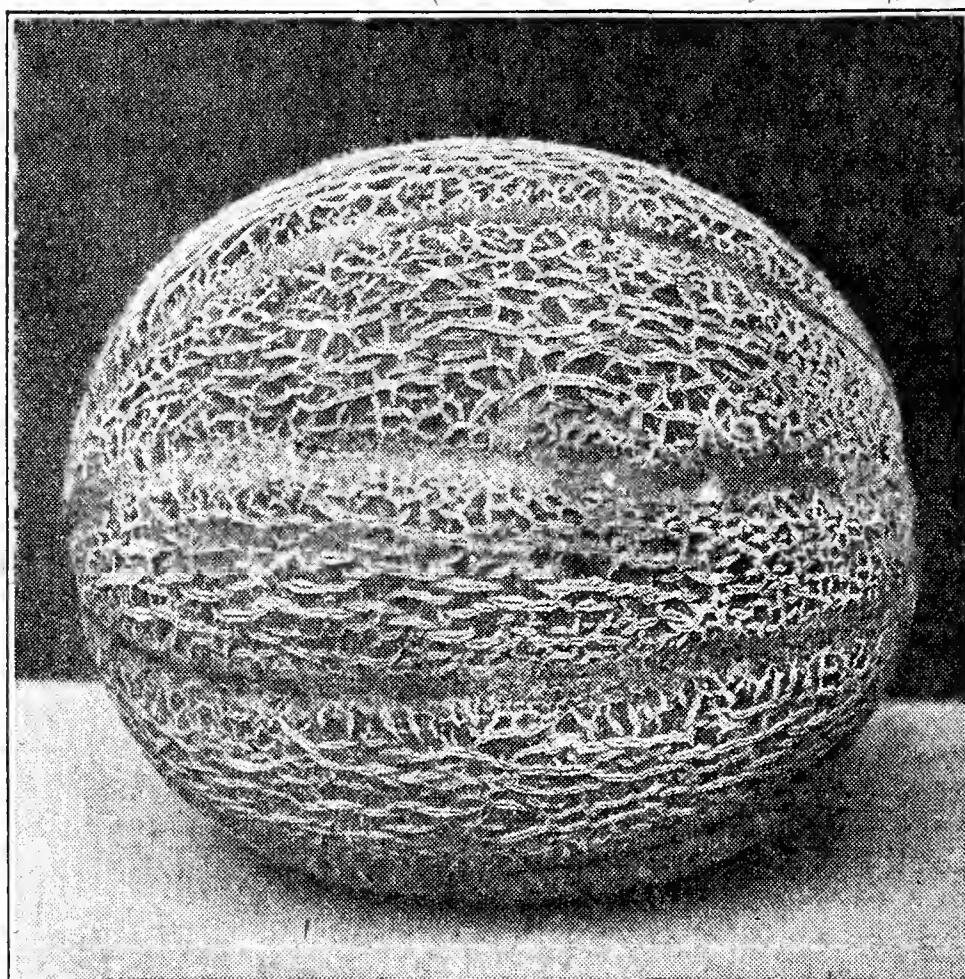
**CHIPMAN'S STRAIN LAKE CHAMPLAIN.** Developed by the late George F. Chipman, long editor of the Country Guide of Winnipeg, Canada. Slightly smaller than the originator's strain of Champlain, this is ten days earlier and the earliest melon of good quality. Pkt., 10c; oz., 35c.

**EXTRA EARLY OSAGE.** One of the earliest salmon-fleshed varieties of quality and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick with small seed cavity. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener.

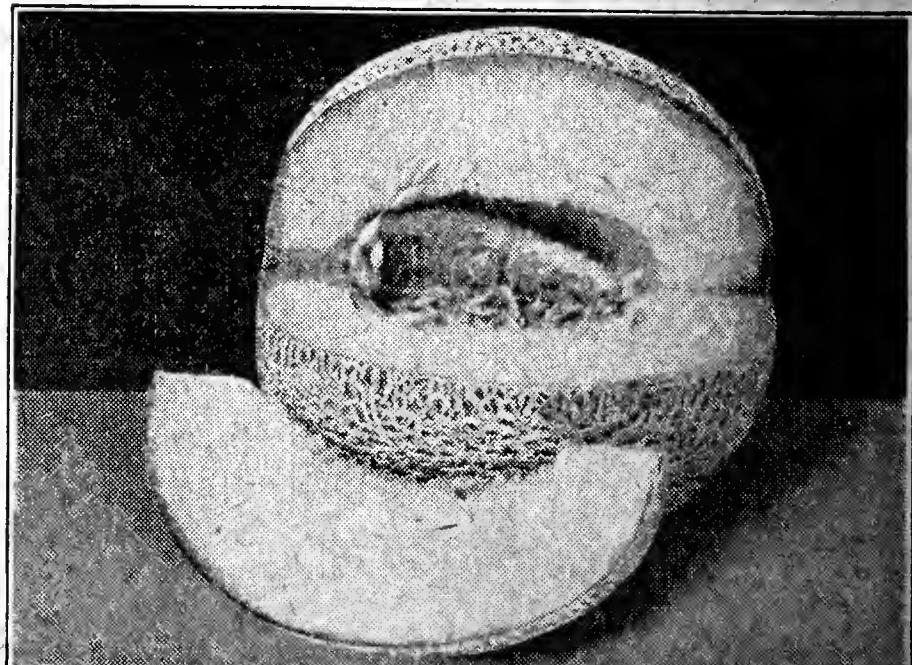
Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**SUGAR ROCK or HONEY ROCK.** This variety is one of the most delicious melons. It is early and very productive of medium-sized, round, heavily netted Melons with deep, very sweet,

orange flesh. The quality is superb. The most profitable market variety. Don't pass up this one. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.



Extra Early Osage.



Sugar Rock or Honey Rock

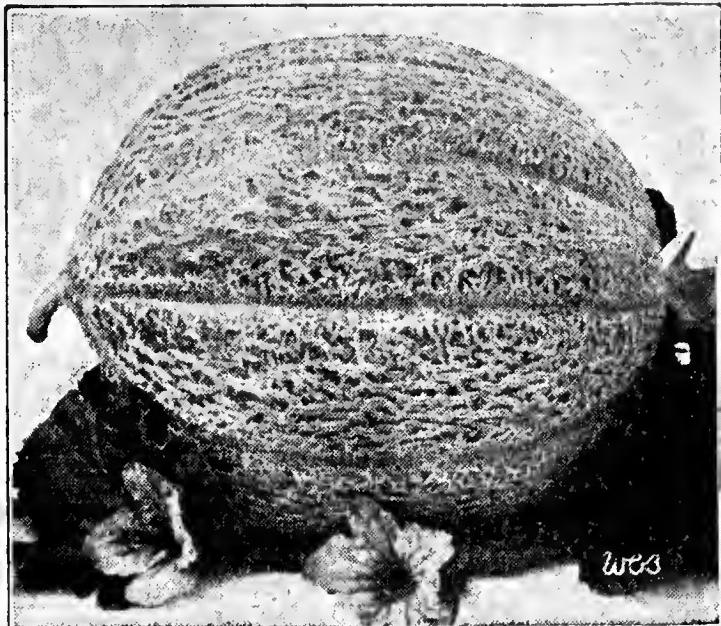
We have used your seeds for the 15 years I have been in Mont. I have never had a failure even though we have had some off years. I sure recommend them.

CYRUS C. BELLAH, Moore, Montana.

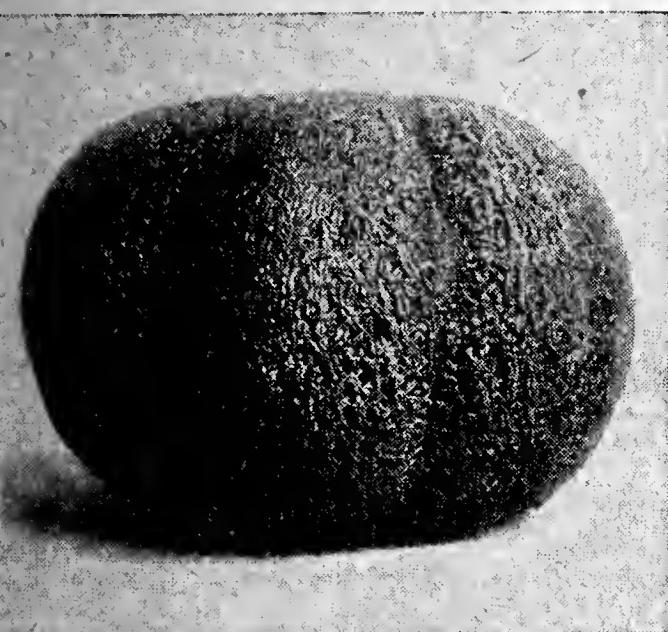
# Will's Muskmelons

**A EARLY KNIGHT** (Sweet Air). One of the earliest Muskmelons of quality and the best green fleshed variety. It is medium in size, oblong in shape, distinctly ribbed and well netted. The flesh is fairly thick and very sweet, a medium green in color blending to a light pink near the center. We consider this one of the very best varieties for the Northwest and our strain is superior. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 38c;  $\frac{1}{2}$  lb., 65c; lb., \$1.15, postpaid.

**EMERALD GEM.** An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 55c; lb., \$1.00, postpaid.



Extra Early Knight



Lake Champlain

**LAKE CHAMPLAIN or GOLDEN CHAMPLAIN.** One of the very earliest Melons, medium sized, round, heavily netted, moderately ribbed, with thick orange colored flesh of the finest quality; a robust grower and heavy yielder. Not a shipping Melon, but a good home garden sort and a money maker for the market gardener. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 55c; lb., \$1.00, postpaid.

I surely will send you a real order for garden seed a little later as we have used your seeds for 12 years, and find them the best there is.

R. H. GAUNSKA,  
Carrington, N. Dak.

Petersilie  
(Ger.)

## Parsley

Persille  
(Scan.)

**CULTURE.** Soak the seed a few hours in lukewarm water and sow early in Spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks. About 2,000 seeds to the packet.

**PARAMOUNT.** A very uniform variety with very tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 33c; lb., \$1.00, postpaid.



**CHAMPION MOSS CURLED.** Leaves beautifully curled, mosslike, of the richest green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c, postpaid.

**TURNIP ROOTED.** The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c, postpaid.

Rhabarber  
(Ger.)

## Rhubarb or Pieplant

Rhabarber  
(Scan.)

**MONARCH.** Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 in. long and full 2 in. wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

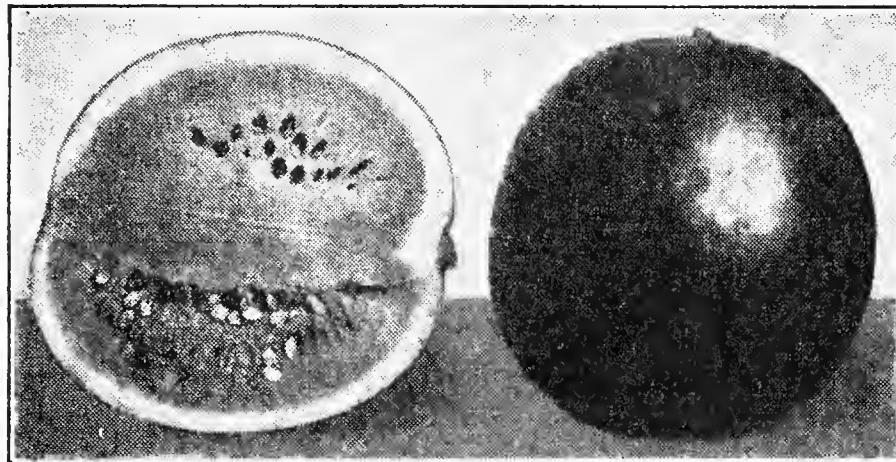
## Rhubarb Roots

**McDONALD.** By far the most popular and best of the new Canadian rhubarbs. Produces no seed nor seed stalk, so bears all through the season. The skin is dark red and the sauce a rich pink. A tremendous improvement over the common sorts and one which we were the first to offer. Price, each 35c; doz., \$3.50; Postpaid, each, 40c; doz., \$4.00.

**STANDARD.** First quality, 2 year roots which will produce a crop of edible stalks the first year if planted in good season and given a minimum of care. Postpaid, \$1.10 per doz. F. O. B. Bismarck, doz., 90c.

Wasser-Melone  
(Ger.)

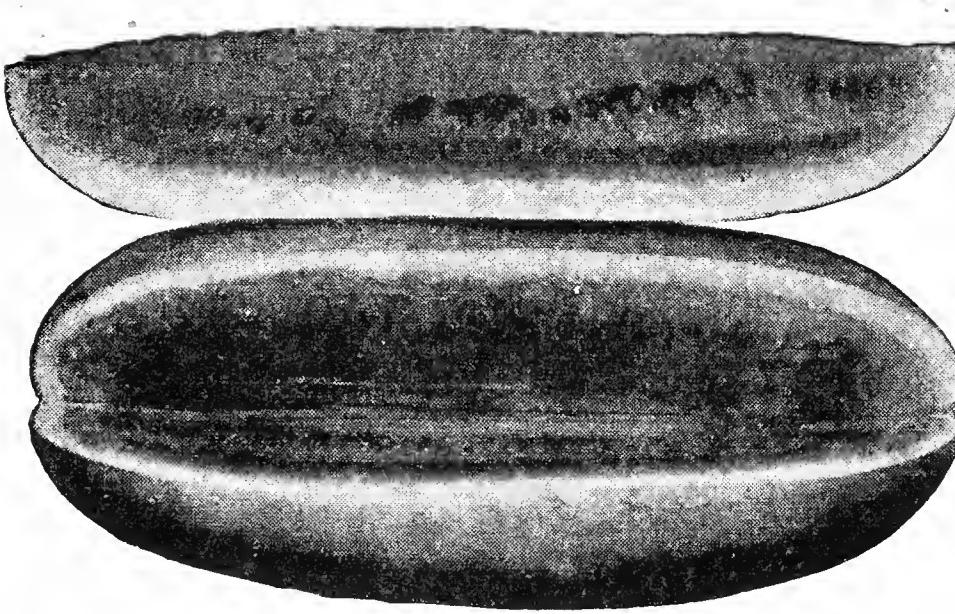
**CULTURE**—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 to 5 pounds per acre. About 100 seeds to the packet.



Dakota Sweet

**COLE'S EARLY.** One of the earliest and best. It is very hardy, vigorous and a sure cropper. The nearly round Melons are of medium size, green with lighter stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties for the north. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 80c, postpaid.

**PEERLESS or ICE CREAM.** Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.



Kleckley Sweets

**KLECKLEY SWEETS—MONTE CRISTO.** This Melon is fairly large, oblong and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest Watermelons in cultivation. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

**WINTER QUEEN.** With white rind, clear bright red flesh, and black seeds. Good at maturity with ordinary Melons. If stored in a cool, dry place will keep until Christmas. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; lb., \$1.10, postpaid.

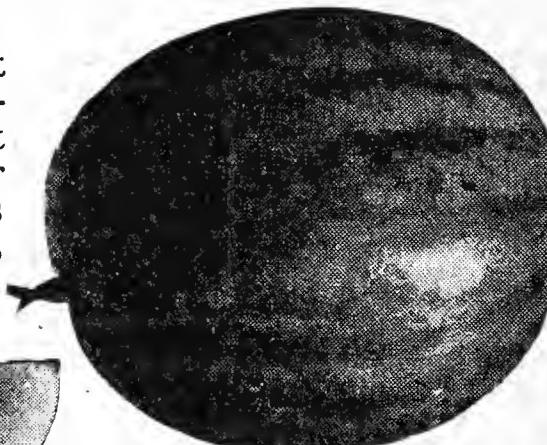
**CITRON.** (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 80c, postpaid.

**COLORADO PRESERVING MELON.** (Green-Seeded.) This is quite distinct from the old-fashioned citron, as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 80c, postpaid.

Vandmelon  
(Scan.)

**FAVORITE HONEY.** An orange fleshed melon from Japan and a standout in the trials of Professor A. F. Yeager of the North Dakota Agricultural Experiment Station. This rather small, oval melon is very early, productive and the sweetest sort we have ever tasted. Pkt., 20c.

**DAKOTA SWEET.** Formerly known as Winter Sweet. We changed the name as we came to regard it as not a true Winter Watermelon. If there is any better melon than this for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eye of Professor A. F. Yeager in his trial grounds. The very early, heavy cropping melons are round and considerably larger than Will's Sugar, averaging ten to fourteen pounds. The skin is green striped with darker green and the flesh, is bright red, luscious and very sweet. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; lb., \$1.60, postpaid.



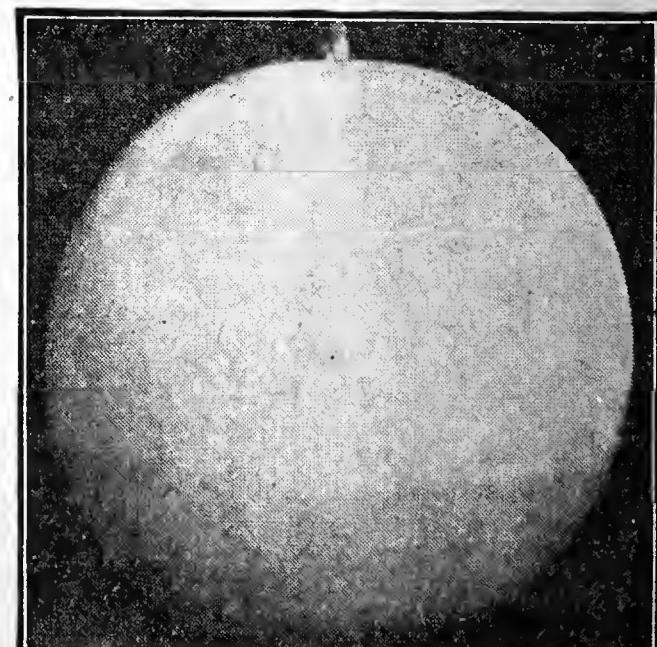
Cole's Early

**KLONDIKE.** An early sort, very popular in the west. The skin is dark green with shallow ribs, and the bright deep red flesh is of finest quality. The melons weigh from 20 to 25 lbs. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.10, postpaid.

**ARIKARA.** The Earliest Watermelon. This variety is a prolific and sure producer of

small Melons, running from 6 to 12 inches in diameter. The skin is almost black. The pink flesh is sweet and pleasant though somewhat coarse. Not as good quality as Will's Sugar, but the earliest and hardest Watermelon that grows. If you have trouble raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.60, postpaid.

**WILL'S GOLDEN ANNIVERSARY.** A cross between Arikara and Kleckley Sweet, combining the earliness and hardiness of one parent with the size and quality of the other. The melon is oval to oblong. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.55, postpaid.



Winter Queen

## Selected Watermelons WILL'S SUGAR WATERMELON.

This pioneer variety, which we introduced in 1888, still remains the favorite of the Northwest. It is the second earliest watermelon grown, and combines with that very necessary quality, hardiness and heavy production. It is one of the sweetest melons grown, and the bright red flesh and small black seeds make a very pleasing contrast. This is the watermelon for the Northwest. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.60, postpaid.

I have used your seeds for 21 years and can always depend on them coming up.  
E. A.  
ZINGLEMAN,  
Watford City,  
N. Dak.

## Onion Sets

A planting of sets for green onions should be in every garden. Unless otherwise instructed, we shall hold Onion Set orders until danger of freezing is past. Bottom Onion Sets

are the product of seed planted closely to prevent full development. A bushel is 32 pounds, except with Top Sets, which are 28 pounds to the bushel. Prices, peck and over, subject to change.

**EBENEZER YELLOW BOTTOM ONION SETS.** Fine for green onions, these yellow sets are surer to form large onions than any other sets. The quality is superior and the yield is larger. 1 lb., 32c; 4 lbs., 95c, postpaid. Not prepaid, peck, \$1.40;  $\frac{1}{2}$  bu., \$2.65; bu., \$5.00.

**RED BOTTOM SETS.** Fine, well cured sets. 1 lb., 32c; 4 lbs., 95c, postpaid. Not prepaid, peck, \$1.40;  $\frac{1}{2}$  bu., \$2.65; bu., \$5.00.



Will's Sugar Watermelons.

**WHITE BOTTOM SETS.** Milder than the yellow or red sorts and preferred by some on account of their color. 1 lb., 33c; 4 lbs., \$1.00, postpaid. Not prepaid, peck, \$1.45;  $\frac{1}{2}$  bu., \$2.75; bu., \$5.25.

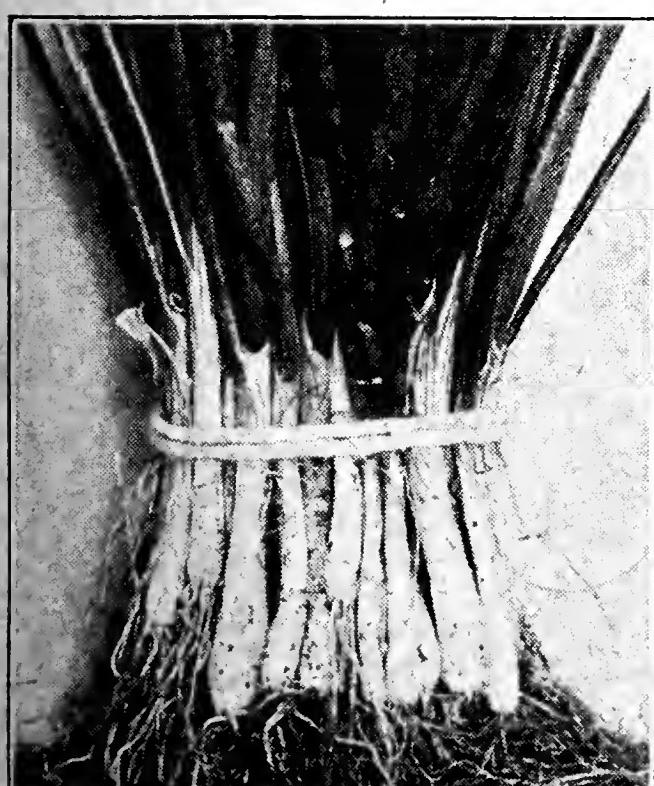
**TOP or WINTER ONION SETS.** **Perennial.** Live in the ground all Winter and start very early in the Spring. 28 lbs. to the bushel. 1 lb., 35c, postpaid. Not prepaid, pk. (7 lbs.), \$1.65; bu., \$6.00.

**MULTIPLIER ONIONS.** Also called Bunch Onions or Potato Onions. Excellent for early Spring onions. 1 lb., 35c, postpaid. Not prepaid, pk., \$1.65; bu., \$6.00.

**GARLIC:** **BAVARIAN.** Lb., 36c; 5 lbs., \$1.40, postpaid.

## BERMUDA ONION PLANTS

Seed is sown early in Texas and plants lifted to produce Onions of Bermuda quality in northern gardens. Our Texas grower ships bangup plants and we include cultural directions with each purchase. Our plants come to us with state certificate of inspection. **Package of 55 to 125 plants, 25c; 500 plants, 80c; 1,000 plants, \$1.40, postpaid. Crate of 6,000 plants, not prepaid, \$5.00.**



Bermuda Onion Plants.



Bottom Onion Sets.

Zwiebel  
(Ger.)

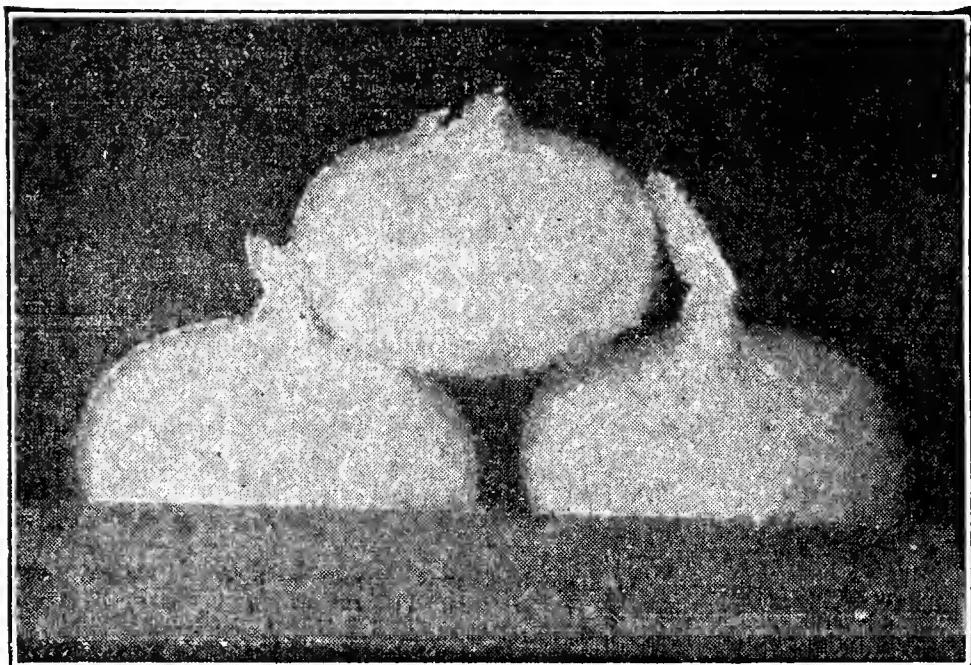
## Will's Pioneer Brand Onion Seed

Roedloeg  
(Scan.)

**Culture.** Sow as early in the Spring as ground can be worked, in drills 15 inches apart, covering one inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre. About 750 seeds to the packet.

**RED WETHERSFIELD.** One of the oldest and best known strains,

a sure and heavy yielder. It is early, yet one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and fairly mild. It is the favorite for poor or dry soils. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$1.90, postpaid. Not prepaid, 5 lbs., \$8.25.



Montana White Portugal or Silverskin.

**WHITE BERMUDA.** This is a medium sized onion, flat, very early, and in no sense a keeper. It is not pure white but a light straw color. It is very mild and sweet. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.60; 1 lb., \$3.00, postpaid. Not prepaid, 5 lbs., \$13.75.

**NEW QUEEN.** This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25, postpaid.

**WELSH WINTER (Perennial).**

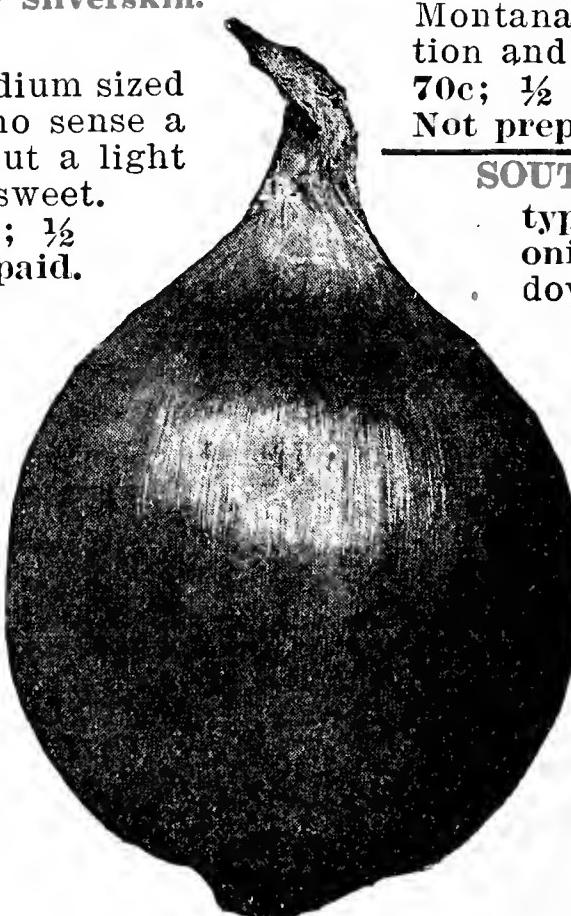
Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money maker for the market gardener. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Red Wethersfield.

**MONTANA WHITE PORTUGAL or SILVER-SKIN.** The All Around Onion. A medium sized, flat, hard and fine grained onion of

mild flavor and clear white skin. It is the best keeper of the white onions and fine for Fall and early Winter use. A favorite for pickles and bunching green onions when young and more extensively grown for sets than any other white variety. Our seed is Montana grown, of specially high germination and purity. Pkt., 5c; oz., 24c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.20; 1 lb., \$2.20, postpaid. Not prepaid, 5 lbs., \$9.75.



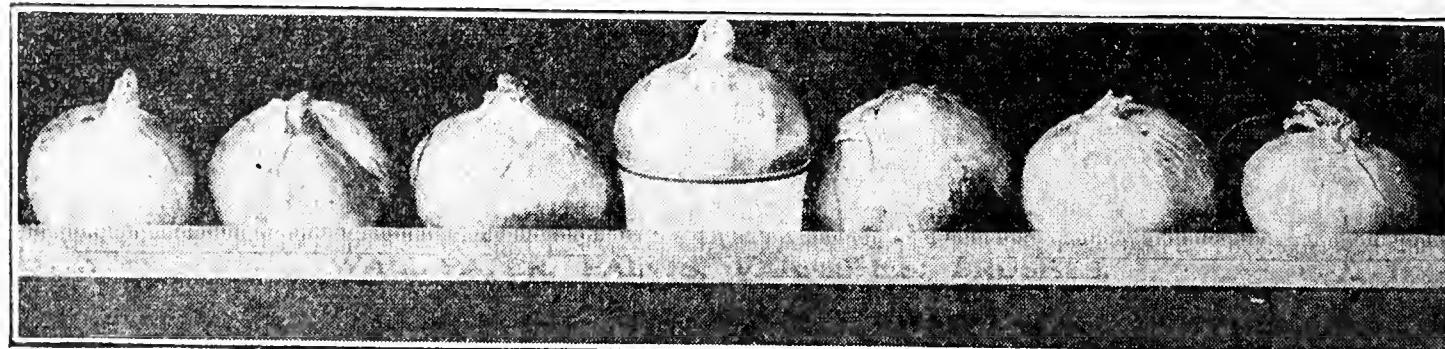
Southport Red Globe.

**SOUTHPORT RED GLOBE.** The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick glossy purplish red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

**SOUTHPORT WHITE GLOBE.**

This pure white, thin-skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.40; 1 lb., \$2.60, postpaid. Not prepaid, 5 lbs., \$11.75.

**RIVERSIDE SWEET SPANISH.** Nearly globular in form, resembling Prizetaker, but considerably larger, the skin is golden yellow in color and the flesh white and very mild. Especially prized for its mildness and delicacy of flavor, this is one of the largest and finest of onions. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.00.



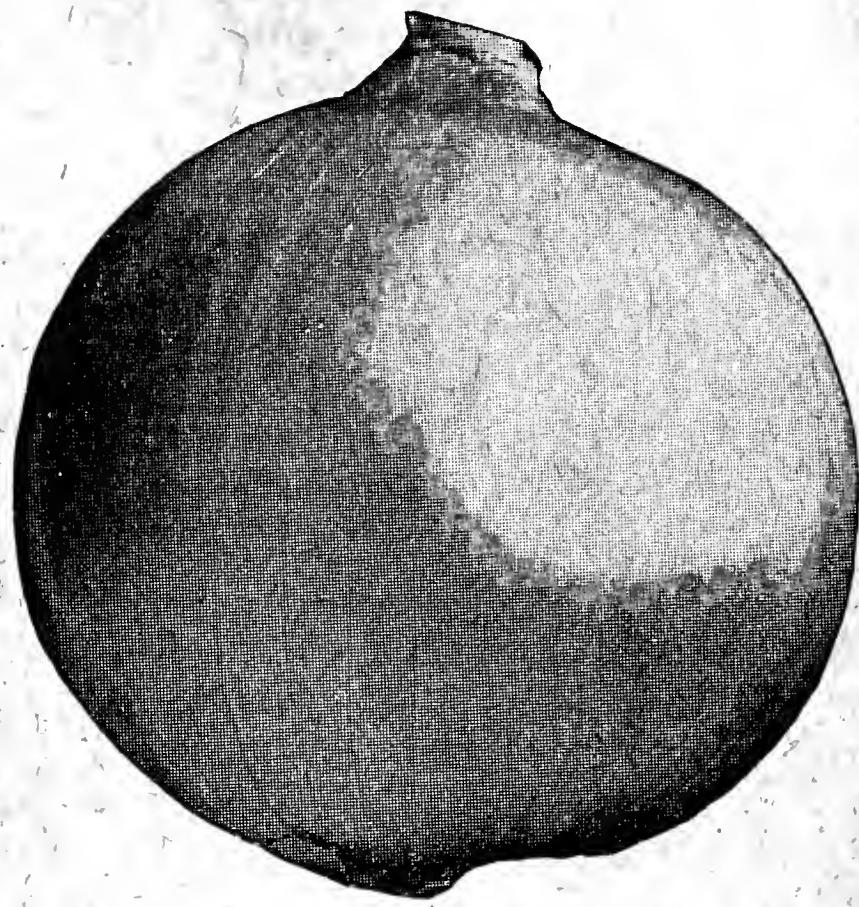
Riverside Sweet Spanish.

# Will's Pioneer Brand Onion Seed

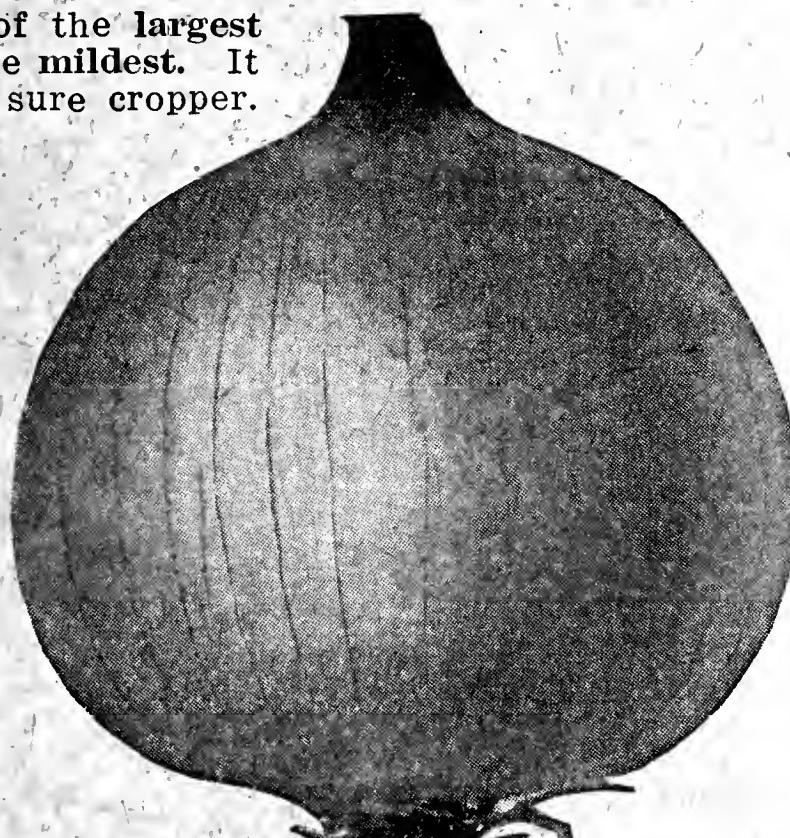
**DAKOTA GLOBE.** The Money Making Onion. We believe this to be the finest and best selected strain of Southport Yellow Globe, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally good keeper. The flesh is white, crisp and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.

**GRANO.** (See inside front cover for colored illustration.) A slightly top shaped globe Onion of the Sweet Spanish type not quite so large, but at least thirty days earlier than Riverside Sweet Spanish. With straw colored skin and white flesh, it is mild, very sweet and a fair keeper. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.60; 1 lb., \$3.00, postpaid. Not prepaid, 5 lbs., \$13.75.

**PRIZETAKER.** One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$1.90, postpaid. Not prepaid, 5 lbs., \$8.25.



Will's Dakota Globe.



Prizetaker.

**MOUNTAIN DANVERS.** A very early maturing strain of Yellow Globe, not quite as large as Yellow Globe Danvers, but two weeks earlier and a remarkable keeper. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.25.

**YELLOW GLOBE DANVERS.** This is a standard variety for Winter use in all markets. Its skin is a rich orange-yellow color. The flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock.

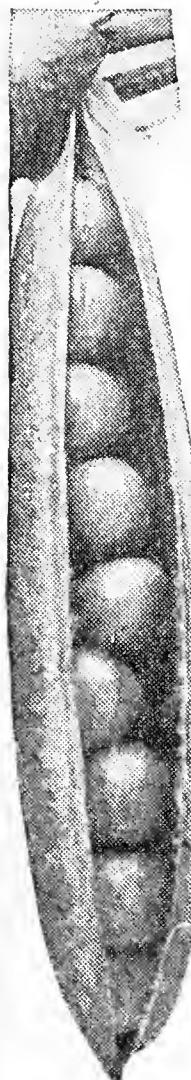
Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.

**AUSTRALIAN BROWN.** This variety is extremely early and a wonderful keeper. There are no scallions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.80, postpaid. Not prepaid, 5 lbs., \$7.75.

Used your seed for many years and am very well pleased. Had Onions last year like ones you see in the store windows raised in the South.

MRS. LAWRENCE PETERSON,

R. No. 2, Carrington, N. Dak.

Erbsen  
(Ger.)

# Will's Choicest Garden Peas

Erter  
(Scan.)

**Culture.** Sow early in the Spring in rows 18 to 24 inches apart. The Peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under. Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

## Early Dwarf or Bush Varieties

First of All.

### AMERICAN WONDER or NOTT'S EXCELSIOR.

The earliest of the dwarf wrinkled varieties, of standard quality. The vines are about a foot high, and produce heavy crops of medium size, well filled pods containing 5 to 8 large peas.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

**SUTTON'S EXCELSIOR.** An improved Nott's Excelsior, larger podded and more productive. Height 18 inches. The broad pods are dark green,  $3\frac{1}{2}$  inches long, and contain 4 to 6 large, bright green peas of very fine quality. Many regard this hardy variety as best of the dwarf, early sorts.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$20.00.

**LITTLE MARVEL.** One of the earliest of the wrinkled seeded sorts and probably the most satisfactory Pea for the average home garden. Remains in prime picking condition a week longer than most sorts. The vines are 15 inches high, heavy, with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 20 lbs., \$3.60; 100 lbs., \$17.00.

**HUNDREDFOLD or BLUE BANTAM.** One of the best of the Laxtonian type; the vines are from 16 to 18 inches tall, sturdy and very productive. The pods are dark green, 4 inches long, and contain 8 large, dark green peas.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.



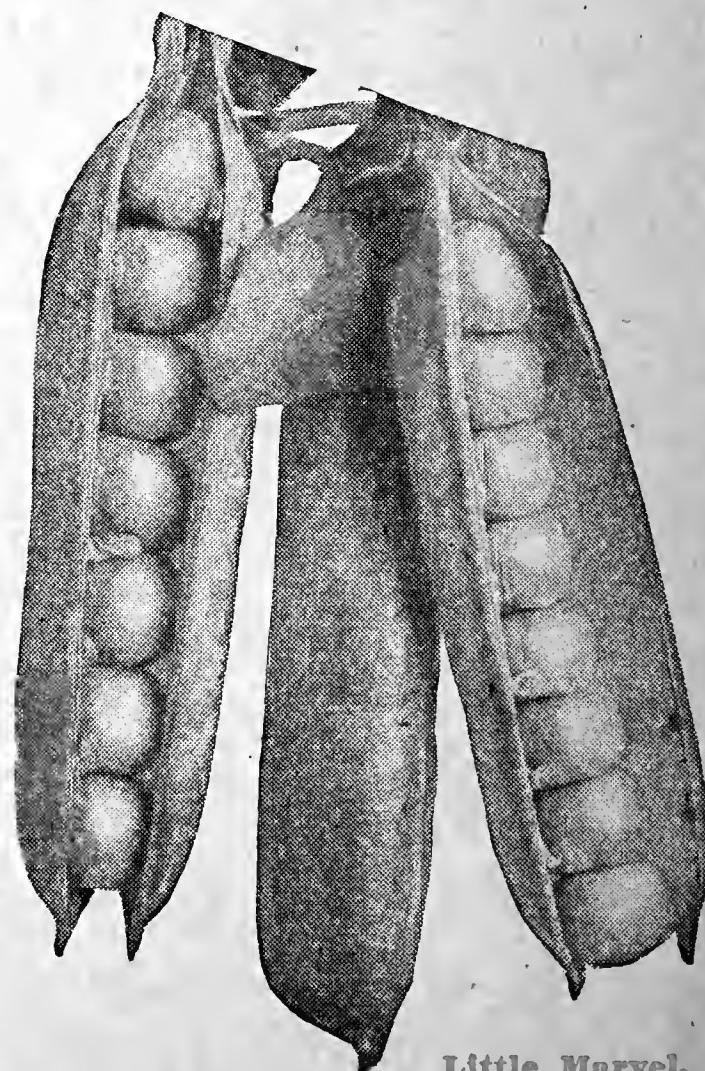
World's Record.

## Early Varieties NOT DWARF

**ALASKA.** This hardy and early variety is much used for canning and home gardening. The vines grow 30 inches tall. The pods are light green, short and square ended, containing from 5 to 8 Peas to the pod.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

**FIRST OF ALL OR EARLY JUNE.** This is a larger podded sort than Alaska. The semi-smooth seed may be sown two weeks earlier than that of the wrinkled seeded varieties, as it will not rot in the ground. The vines grow to a height of three feet. The pods are deep green, square ended, and 4 inches long; containing 7 Peas to the pod. This is a very heavy and even cropper.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 20 lbs., \$4.40; 100 lbs., \$21.00.

**WORLD'S RECORD or IMPROVED GRADUS.** This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines reach a height of 2 feet, produce most abundantly and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender peas are of a most delicious flavor. It is the market gardener's favorite.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 20 lbs., \$3.60; 100 lbs., \$17.00.



**DWARF PEAS—Continued****LAXTON'S PROGRESS**

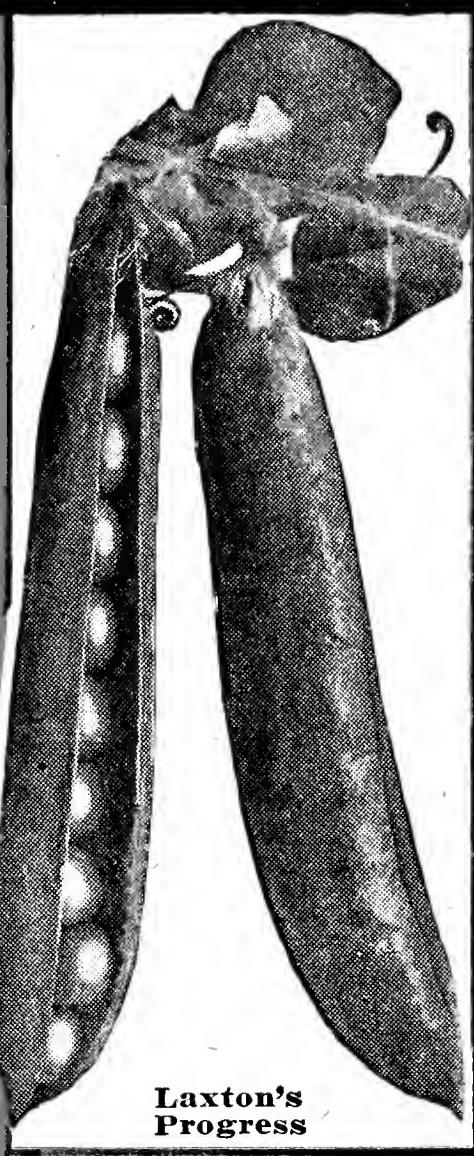
The earliest and best of the large-podded dwarf Peas. We have dropped both Pioneer and Peter Pan in favor of this very similar and much better variety. The vines grow 18 inches tall and are more productive than any other of the dwarf class. This new sort is absolutely the best of its class to date.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

**MCLEAN'S LITTLE GEM  
or PREMIUM GEM**

An early dwarf Pea of delicious flavor; excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from  $2\frac{1}{2}$  to 3 inches long. The Peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.



McLean's Little Gem



Laxton's Progress

**MAIN CROP VARIETIES**

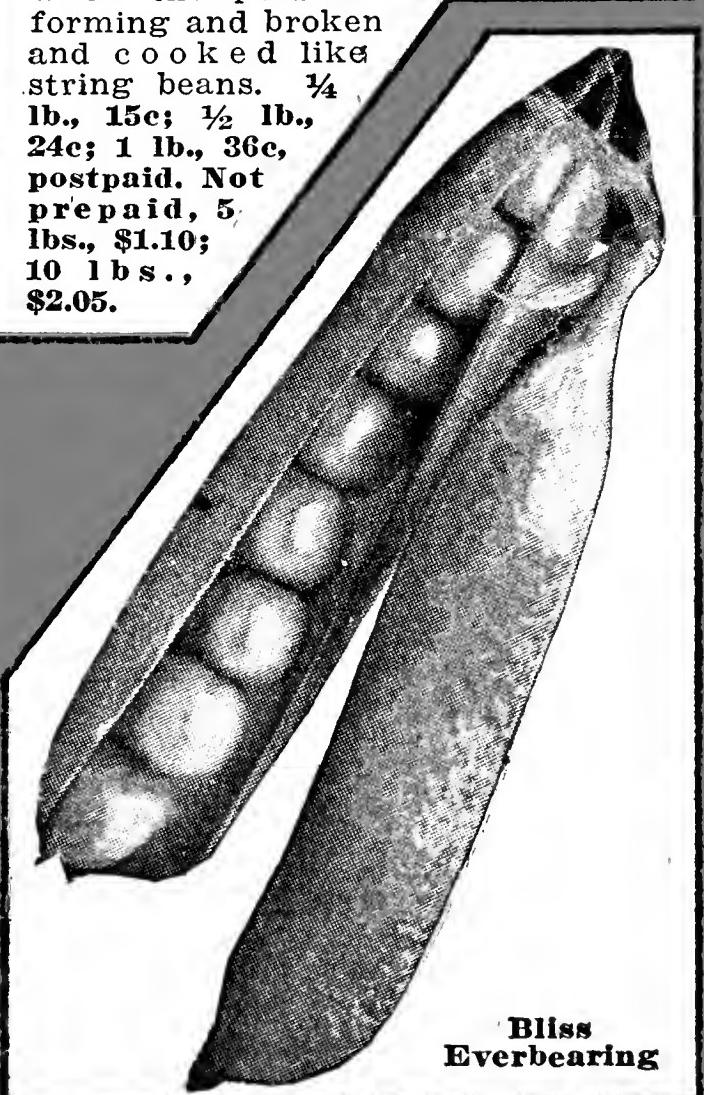
**BLISS EVERBEARING.** If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of  $2\frac{1}{2}$  feet and as many as 100 pods have been counted on a single vine. Peas are large and sweet and packed tightly in the pods.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

**ALDERMAN.** The best main crop variety of the Telephone type and the most popular tall, main crop Pea. The vines grow to a height of 4 feet. The pods average about  $4\frac{3}{4}$  inches long, containing nine large, medium green peas of highest quality.  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

**LINCOLN.** A very productive pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from  $3\frac{1}{4}$  to  $3\frac{3}{4}$  inches long, containing from 6 to 8 medium green peas of fine quality. One of the best yielding Peas.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 20 lbs., \$4.40; 100 lbs., \$21.00.

**EDIBLE PODDED VARIETY**

**DWARF GRAY SUGAR.** Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the peas are forming and broken and cooked like string beans.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 24c; 1 lb., 36c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.05.

**INCREASE YOUR YIELD OF PEAS BY  
USING AN INOCULANT**

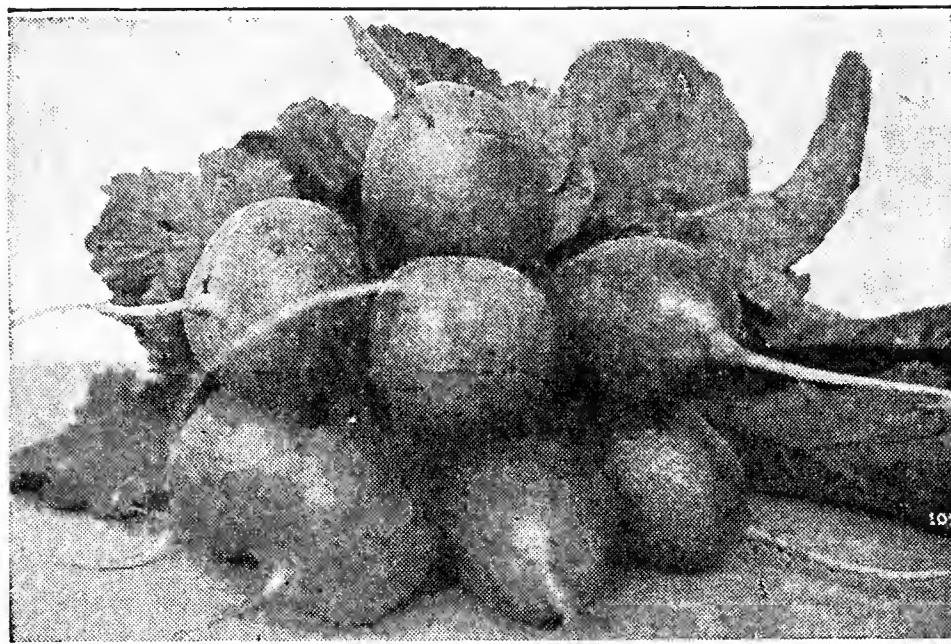
Garden Size, will  
treat up to 4 lbs.  
Price postpaid.  
See page 77.

10c

Bliss  
Everbearing

Radies  
(German)

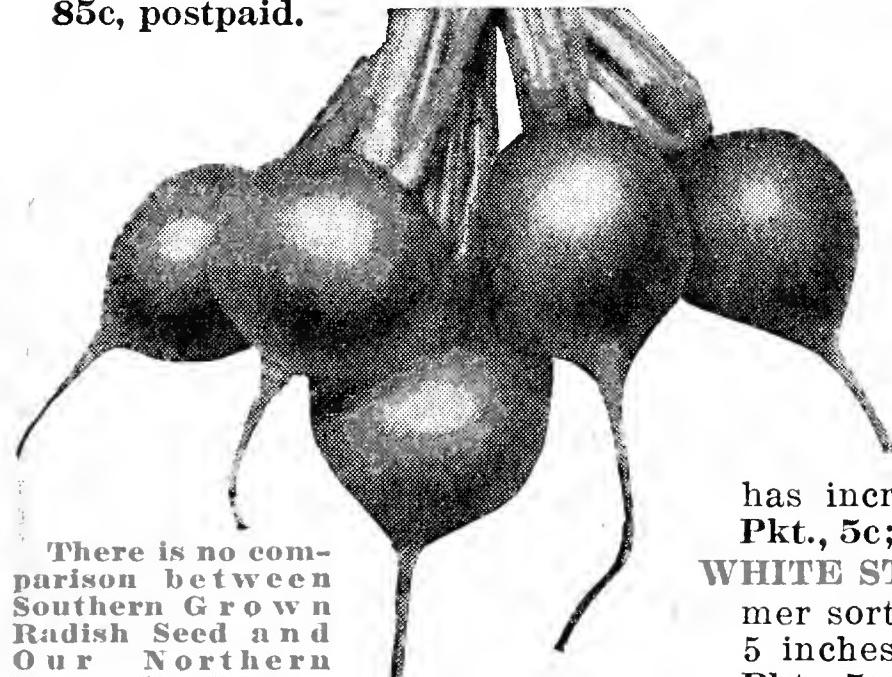
# WILL'S NORTHERN GROWN



Will's Early Carmine

crispness and mild flavor longer than any other sort during the heat and drouth of last summer. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

**CRIMSON GIANT.** Extremely large, but never pithy or hollow. This Radish is of uniform globe shape. The skin is crimson; the flesh white, crisp, tender and sweet flavored. One of the best varieties for outdoor culture. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 85c, postpaid.

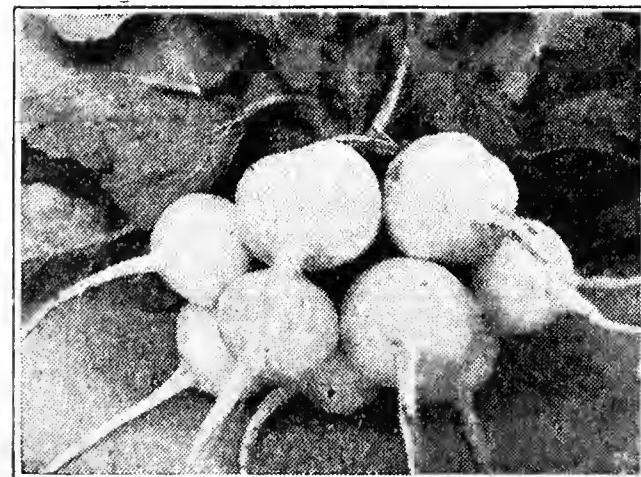


There is no comparison between Southern Grown Radish Seed and Our Northern Grown Stocks.

Crimson Giant.

**LONG SCARLET SHORT TOP.** Sometimes called Cincinnati Market. The roots of this old reliable variety are smooth, slender, and uniform, about six inches long, a bright carmine-red in color, and of excellent quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 85c, ppd.

**MODEL BOX.** White Radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped Radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp and mild. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00, postpaid.

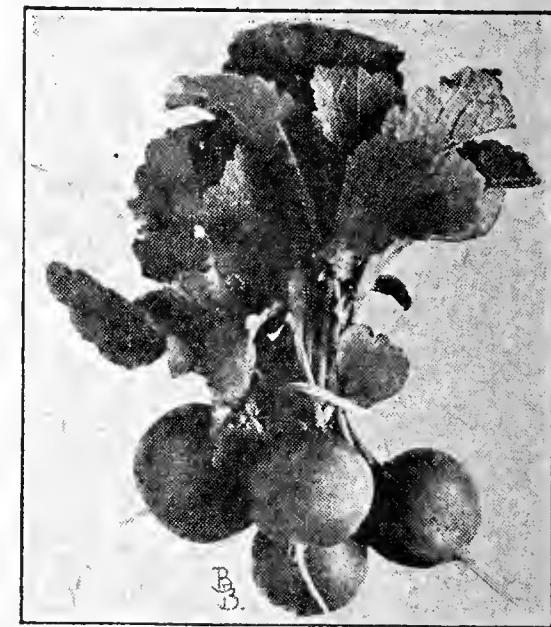


Model Box.

**Culture.** For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession. About 600 seeds to the packet.

**WILL'S EARLY CARMINE.** Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 80c, postpaid.

**GERMAN GIANT BUTTER.** (See inside front cover for colored illustration.) The Best Round Scarlet Radish. This is the largest of the early radishes and will reach a weight of  $3\frac{1}{2}$  ounces without becoming pithy. This variety retained

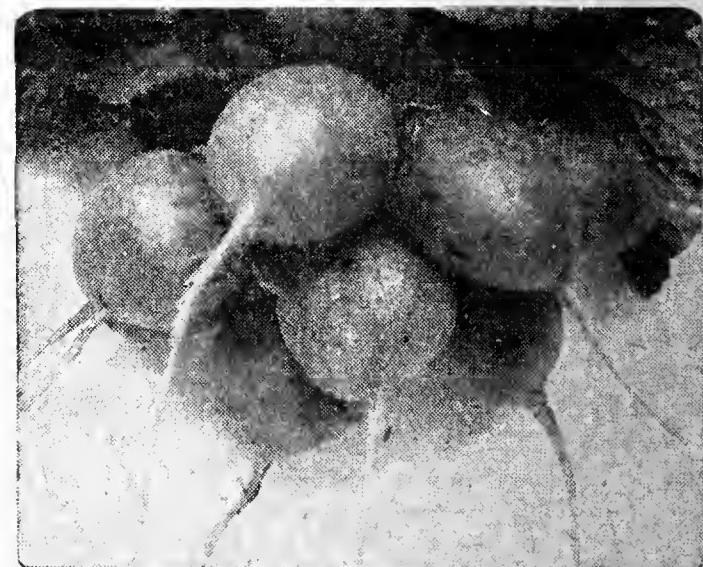


Saxa.

**SAXA.** The earliest, smallest topped Radish, and one of the slowest to seed. The round, bright scarlet roots are ready for the table 20 days after planting the seed. We have a fine stock of this variety and the demand

has increased annually since we first listed Saxa in 1918. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.15, postpaid.

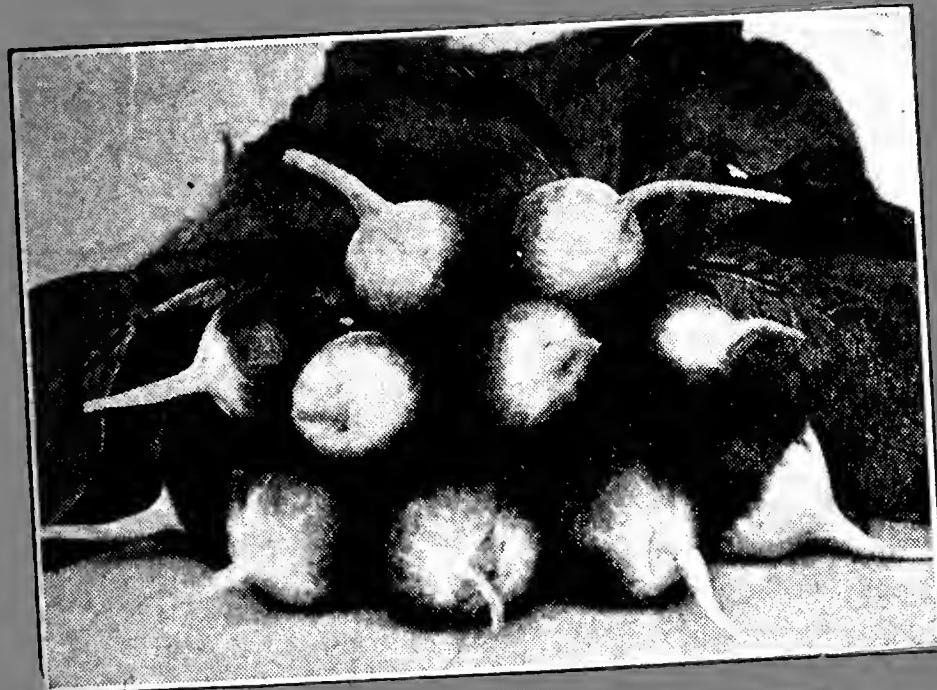
**WHITE STRASBURG.** One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 85c, postpaid.



Fireball Radish.

**FIREBALL — NON**

**PLUS ULTRA.** An early round Radish of bright scarlet color and pure white flesh; crisp, tender, and of the very best flavor. It has few and short leaves, which permits close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00, postpaid.



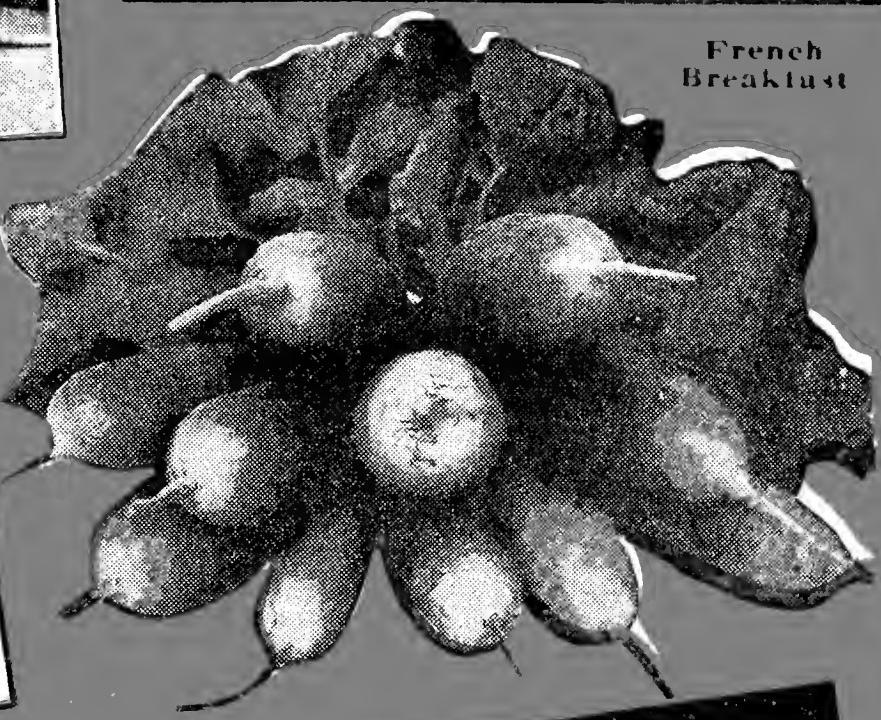
Sparkler

**EARLY SCARLET GLOBE**

The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1lb., 80c, postpaid.

**FRENCH BREAKFAST**

A half-long, very crisp and quick-growing Radish. In color it is a bright rose-scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1lb., 85c, postpaid.



French Breakfast

**RADISH SEED****SPARKLER**

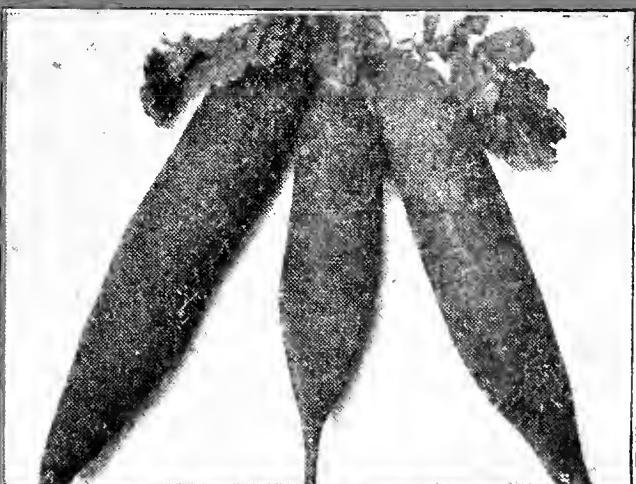
**Improved Scarlet Turnip White Tipped.** This extra early strain is perhaps the most attractive Radish we have. The color is a rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 28c;  $\frac{1}{2}$  lb., 45c; 1lb., 75c, postpaid.

**CHINA ROSE WINTER**

One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1lb., 90c, postpaid.

**BLACK SPANISH WINTER**

One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1lb., 90c, postpaid.



Black Spanish Winter

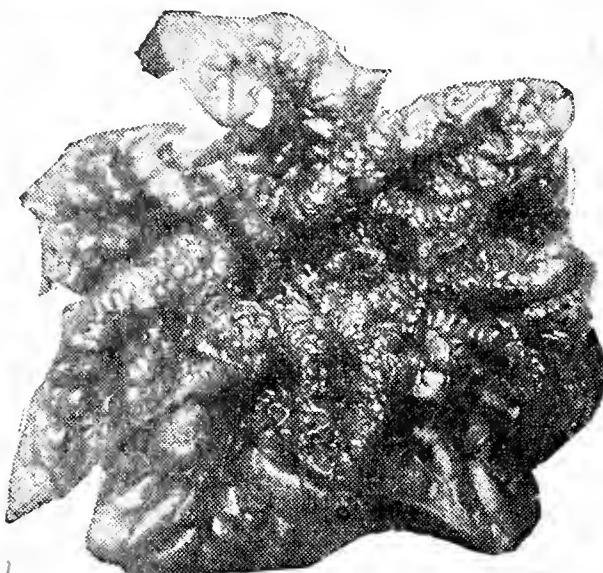
**WHITE ICICLE**

The finest of early pure white varieties. Their long, slender form and pure white skin make the roots attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor Summer planting. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1lb., 80c, postpaid.



White Icicle

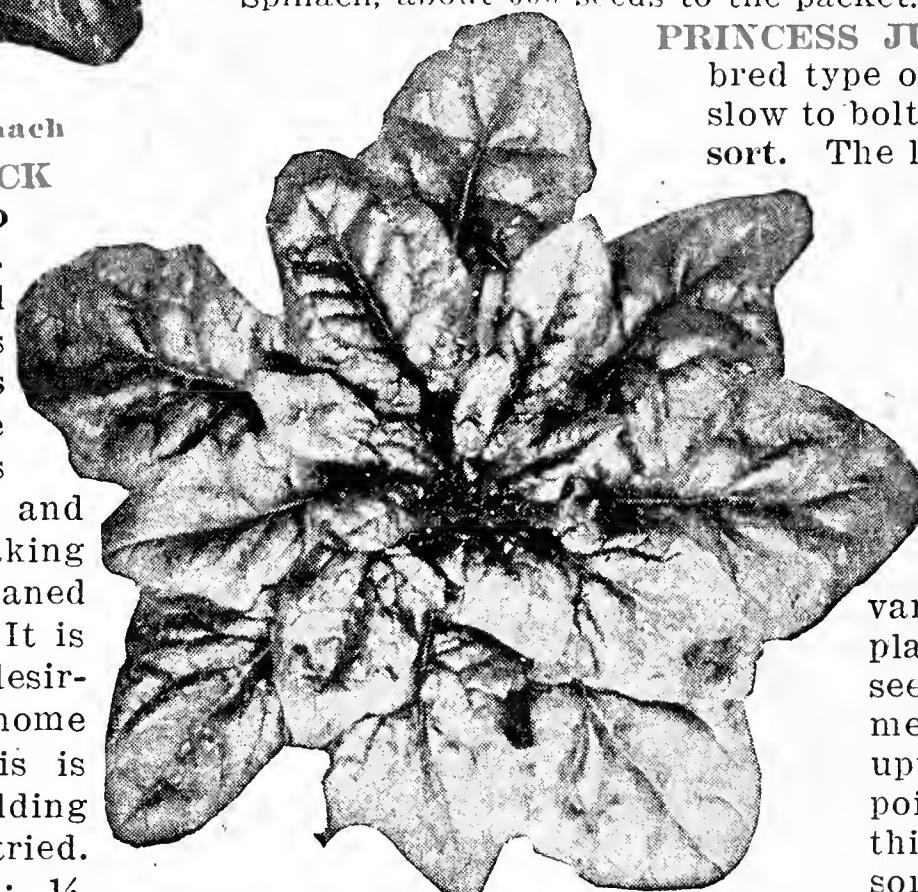
**A GOOD GARDEN ALWAYS PAYS**



Bloomsdale Spinach

**NOBEL-GIANT THICK LEAVED** (also called Big Crop).

This very rapid grower produces the largest plants of any variety we know. The leaves are very thick and rather smooth, making this more easily cleaned than most sorts. It is long standing, desirable for canning, home and market. This is the heaviest yielding Spinach we have tried. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c, postpaid.



King of Denmark Spinach

**KING OF DENMARK**, Antovorsk. This variety is slower to run to seed than any other sort. The plants are early, vigorous, and productive, bushy in habit. The rounded leaves are crumpled, blistered and a deep green in color. This is a sort the Northwest has been looking for. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c, postpaid.



Mammoth Sandwich Island Salsify

**PEANUTS**

**SPANISH.** Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 24c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.25.

Spinat (German)  
(Scandinavian)

**Spinach**

**CULTURE:** Sow in early Spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart for succession. One ounce for 100 feet of drill. With exception of New Zealand Spinach, about 600 seeds to the packet.

**PRINCESS JULIANA.** A new thoroughbred type of long standing spinach, very slow to bolt to seed and a most attractive sort. The leaves are large and rounded, thick, very much blistered and crumpled, and of an intense, very dark green color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c, postpaid.

**BLOOMSDALE or SAVOY LEAVED** (Norfolk Savoy).

This is probably the earliest and hardiest variety. It is best for early planting, as the plants bolt to seed quickly in hot, dry summer weather. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 18c;  $\frac{1}{2}$  lb., 29c; 1 lb., 45c, postpaid.



New Zealand Spinach

**NEW ZEALAND.** Not a true Spinach, this variety thrives in any soil and stands hot weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens, throughout the summer, when other Spinach would be useless. 125 seeds to the packet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 80c, postpaid.

**Haferwurzel**  
(German)

**Salsify or Oyster Plant**

Havrered  
(Scandinavian)

**CULTURE:** Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

**MAMMOTH SANDWICH ISLAND SALSIFY.** This is an improved type of Salsify and the best sort. The roots are very large, smooth, and of fine quality and delicate flavor. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

We have used your seeds since we started farming, 19 years ago, and have always been satisfied. We think Buttercup Squash the best thing we have tried.

C. W. ROMIG, R. No. 1, Rugby, N. Dak.

Feb. 29, 1936.

FOR BEST RESULTS USE WILL'S POULTRY AND STOCK FEEDS. SEE PAGE 76

Kürbiss (German)

Squash-graeskar (Scandinavian)

**Culture.** One ounce to 25 hills, Summer, and one ounce to ten hills, Winter. Plant the hills in the same manner and the same time as melons, and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart. About 30 seeds to the packet of Winter Squash; about 70 to the packet of Summer Squash.

## WINTER SQUASH

**BANQUET.** See inside front cover for colored illustration. A cross between Gilmore and Buttercup resulting in a golden Squash earlier and more prolific than Buttercup with Buttercup shape and quality. We are proud of this one. Pkt., 20c; oz., 35c.

**WINNEBAGO.** One of the very best of squashes. The squash is long, greenish black in color, and a good keeper. The bright orange flesh is thick, very dry and sweet and less stringy than almost any other squash. Under normal conditions many Winnebago Squash will weigh over 30 lbs. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.35, postpaid.



Buttercup

**BUTTERCUP SQUASH.** A cross between Essex Hybrid and Quality developed by Professor A. F. Yeager of the North Dakota Experiment Station. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the deep, rich orange flesh is untinged with green. It is a good keeper with less waste and shrinkage in cooking than any other squash we have tried. The flavor is pleasant and very like that of a sweet potato, very sweet; the texture smooth and comparatively dry. This is the best squash we have ever tasted. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

Your Buttercup Squash was the best I ever ate. A. Fairbanks, Warsaw, Ind. R. No. 2, Box 23.

**GILMORE.** A cross between the Winnebago and the Arikara combining the flavor, shape and quality of the former with the earliness, hardiness and productivity of the Arikara. The skin is salmon colored tinged with blue green. The flesh is orange, thick and fine. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**TABLE QUEEN or DES MOINES.** The Individual Squash. A small, very productive variety of many desirable qualities. Its size is particularly desirable

as one squash makes a meal for a hungry person. The thin shell is ribbed and very dark green in color. The flesh is very thick and the seed cavity small. A good keeper. The quality is excellent. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.



Table Queen

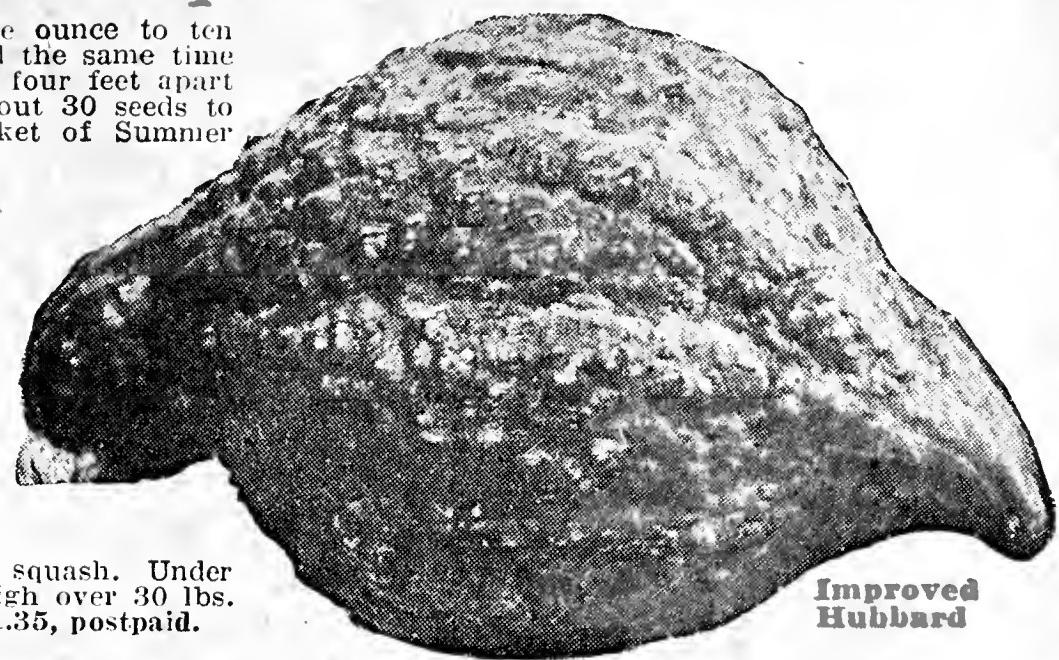
**ITALIAN MARROW—COCOZELLE.** The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.20, postpaid.

I grew your Buttercup Squash last summer and was so well pleased I will grow it again. It's the best Squash I have ever grown. It did fine here, size is right.

A. F. AMES,  
6914 S. Bear St., Bell, Calif.

## Will's Squashes

Early and Hardy Varieties  
for the Northwest



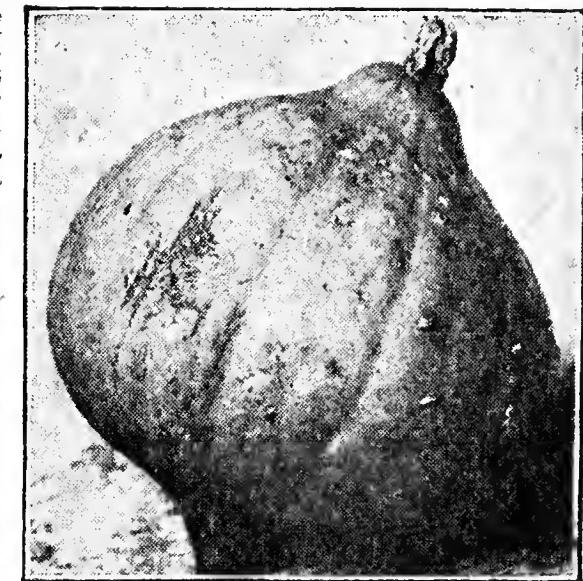
Improved Hubbard

**IMPROVED HUBBARD.** The Standard Winter Squash. More extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.40, postpaid.

**RED or GOLDEN HUBBARD.** This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong and a bright orange-red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.30, postpaid.

**ARIKARA.** If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, variegated with blue green; flesh orange tinged with green near the shell, of firm texture and good quality. It

is a wonderful keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.



Arikara

## GENERAL PURPOSE SQUASH

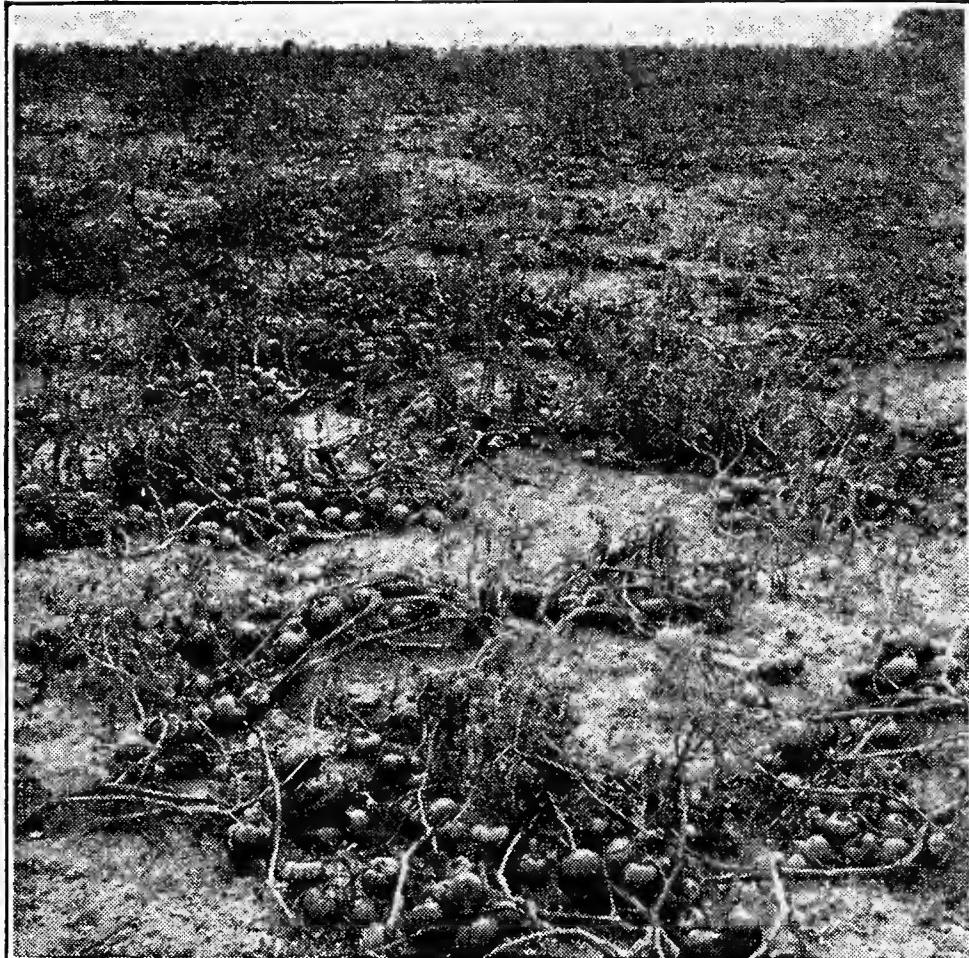
**EARLY MANDAN SQUASH.** The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant and withal of fair quality. Pkt., 10c; oz., 25c, postpaid.

## SUMMER SQUASH

**GIANT SUMMER CROOKNECK.** A new variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

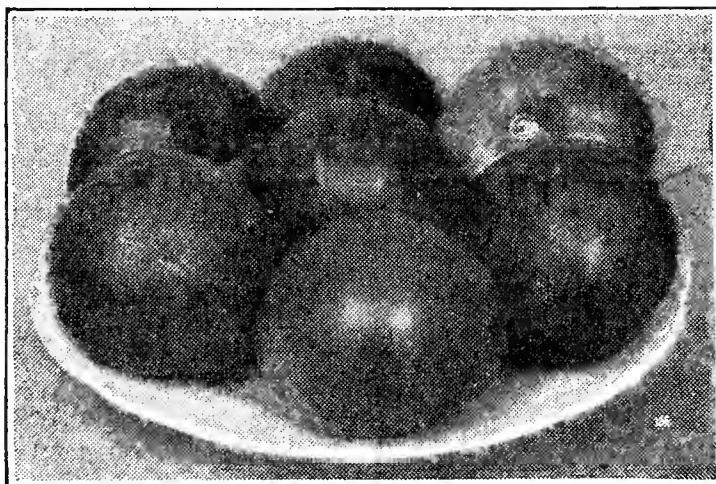
**MAMMOTH WHITE BUSH.** Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

**Culture.** Sow in hotbed or shallow boxes in the house in early Spring; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.



Red River Tomatoes

**MILLET'S DAKOTA.** The hardest, most drought resistant early Tomato. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is of medium size, smooth uniform shape, and of rich deep scarlet color. It is of high quality, although not as meaty as the Red River. Under unfavorable conditions we believe Millet's Dakota will outyield other varieties. Our crop the past season was grown under irrigation in eastern Montana and surprised us by excelling several sorts previously thought better adapted to irrigation. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c;  $\frac{1}{4}$  lb., \$1.45, postpaid.



Millet's Dakota

**PINK PEACH.** This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles and is fine for salads. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**YELLOW PLUM.** A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**RED CHERRY.** The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

## Will's Early Liebesapfel (German)

**FARTHEST NORTH.** (See inside front cover for colored illustration.) The Earliest Tomato There Is. Bred by Professor A. F. Yeager for sowing directly outside without starting indoors, the vines are of the Bison or self-pruning type. The fruit is small, but meaty and well flavored and the yield is heavy. Part of the crop grown for us the past season was sown in the open ground and did not come up until it was watered in early July, yet made a good crop before frost. If you have not been able to raise Tomatoes before, try this one. Pkt., 125 seeds, 25c.

**RED RIVER.** We could fill a fair sized book with letters we have received in praise of this variety. It is the result of a cross of Carter's Sunrise, a small, very meaty, greenhouse variety, with one of the North Dakota Experiment Station's selections of Earliana, made by Professor A. F. Yeager of the North Dakota Agricultural College. One of the earliest, and the most solid, meaty early sort we have ever seen. Red River is a heavy producer of bright scarlet, medium sized, slightly flattened, smooth fruits of solid meat and splendid flavor. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c;  $\frac{1}{4}$  lb., \$1.35; 1 lb., \$4.50, postpaid.

**EARLY JUMBO.** The earliest large Tomato, this pink sort was developed by Professor A. F. Yeager of the North Dakota Agricultural College. It is very meaty and of high quality. Pkt., 20c.

**GOLDEN BISON.** A fine addition to the Bison family. Professor Yeager has combined the earliness and compact habit of growth of Bison with a medium sized, smooth, mild Golden Tomato of finest quality. Attractive in salads especially when sliced together with Red Tomatoes. This sort is worth trying. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c.



Strawberry or Ground Cherry

**STRAWBERRY, GROUND CHERRY or HUSK TOMATO—GOLDEN HUSK.** This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The yellow fruits are half an inch in diameter and enclosed in a husk. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c, postpaid.

Your Bison and Red River Tomatoes are the finest and produce more than any tomato I ever raised and with less cultivation and less water. Last year I canned and gave away over 200 quarts and had ripe tomatoes, the first in my neighborhood. MRS. FRED J. LEONARD, R. No. 1, Bainville, Mont.

# Frosty Tomatoes

**Tomat  
(Scandinavian)**

**N. The Tomato for Northern Gardens.** The best early tomato yet developed by Professor A. F. Yeager, this sort is self-pruning or determinate in growth. In place of wasting its vitality in continuous branching, as do practically all other Tomatoes, Bison grows a compact plant and puts all its energies into producing and ripening a heavy and extra early crop of smooth, solid, meaty, medium sized red Tomatoes. Yields up to 42 pounds for one plant have been reported. Do not prune Bison plants. We believe this is the best thing that Professor Yeager has developed to date and that is saying a lot. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$5.50, postpaid.

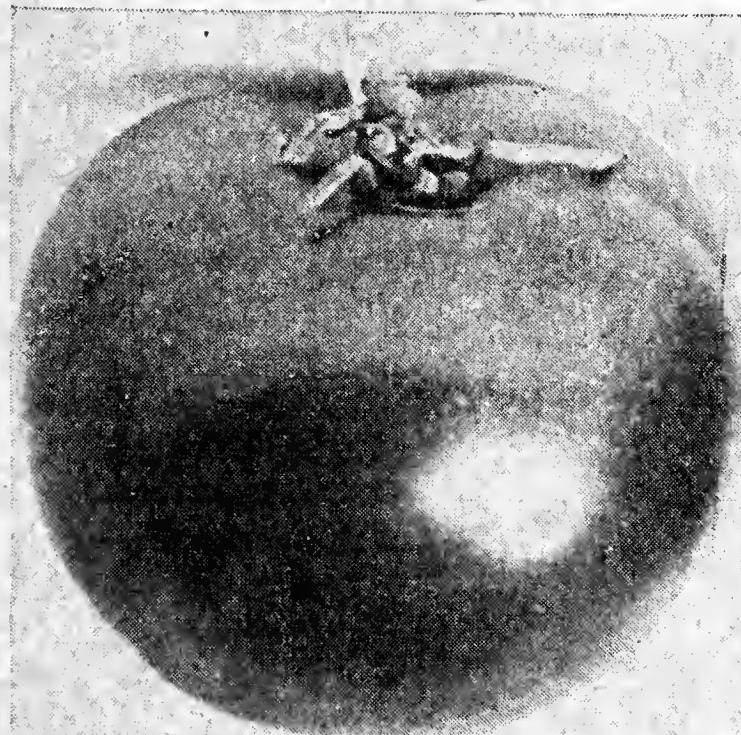
Rev. W. Shoup writes from Cross Lake, Manitoba, Canada, 400 miles north of the International Boundary Line: "Allow me to state that I have experimented quite widely in tomatoes in this extreme north. The Bison leads by all odds."

**JOHN BAER.** Slightly earlier than Bonny Best, this sort is a heavy yielder of smooth, firm, medium large sized scarlet fruits. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10, postpaid.

**PONDEROSA.** A very large, solid meaty, purplish-red tomato. It is a little late for the ordinary northern garden, but we list the earliest northern grown strain in response to a demand from southern customers and some northern gardeners who wish to grow the largest tomatoes. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25, postpaid.

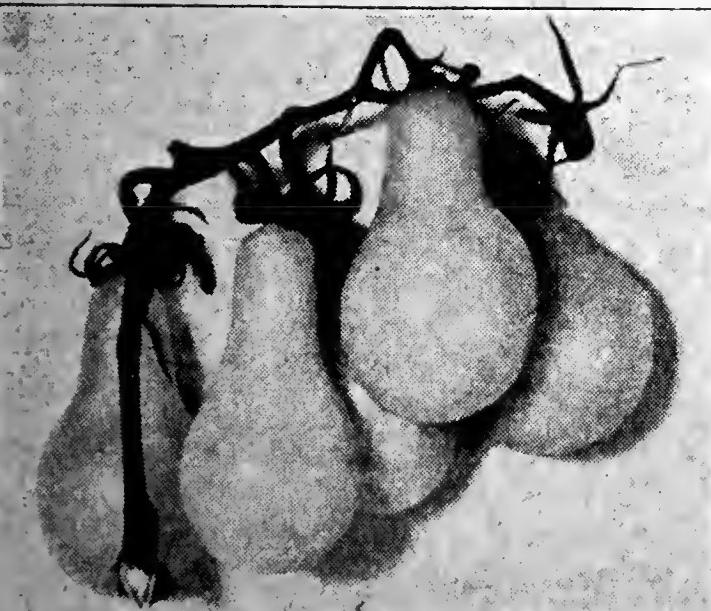
## FARGO YELLOW PEAR.

In this new sort Professor A. F. Yeager of the North Dakota Agricultural College has combined the earliness and self pruning habit of his Bison Tomato with typical Yellow Pear Fruit. Its extreme earliness and heavy yields are worth while. Pkt., 15c.

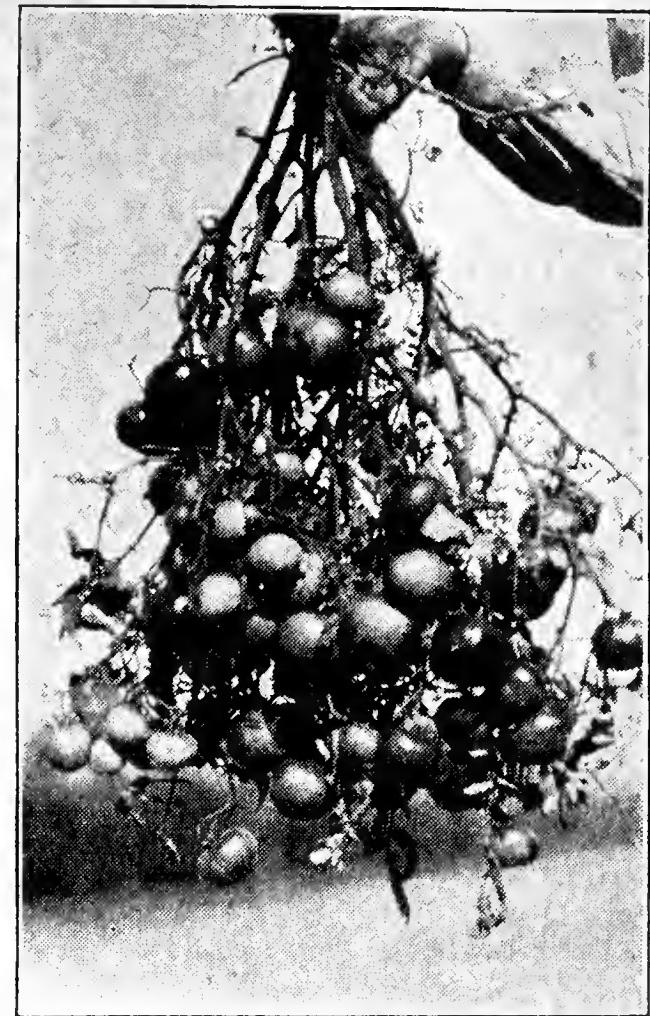


Selected Earliana

After seeing the best crop of tomatoes raised in Great Falls from your Bison Tomato Seeds at Joe Dusalt's residence, 3608 3d Ave. North, last year I decided to try your seeds. P. J. MICHELS, 418 7th Ave. So., Great Falls, Mont.



Fargo Yellow Pear



Bison Tomato  
(Typical Unpruned Plant)

## EARLIANA. Selected Early Strain.

One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid and produced in clusters in the center of the plant. The color is a bright scarlet. You simply cannot beat our strain of this grand old sort. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10, postpaid.

We surely think your Bison Tomato Seeds are grand. Last year we had canned 50 quarts tomatoes before any of the neighbors had ripe ones.

HENRY R. HOUTMAN,  
Volga, S. Dak.

**RED HEAD.** This is one of the very best second early sorts.

As early as Chalk's Jewel it is nearly as large as Stone. Very productive, the fruits are nearly globe-shaped and very solid. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25, postpaid.

**BONNY BEST.** Very nearly as early as Millet's and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety and are of superior solidity and interior color. A good yielder and most attractive in shape and color. This sort is to the front both for the home and market garden. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10, postpaid.

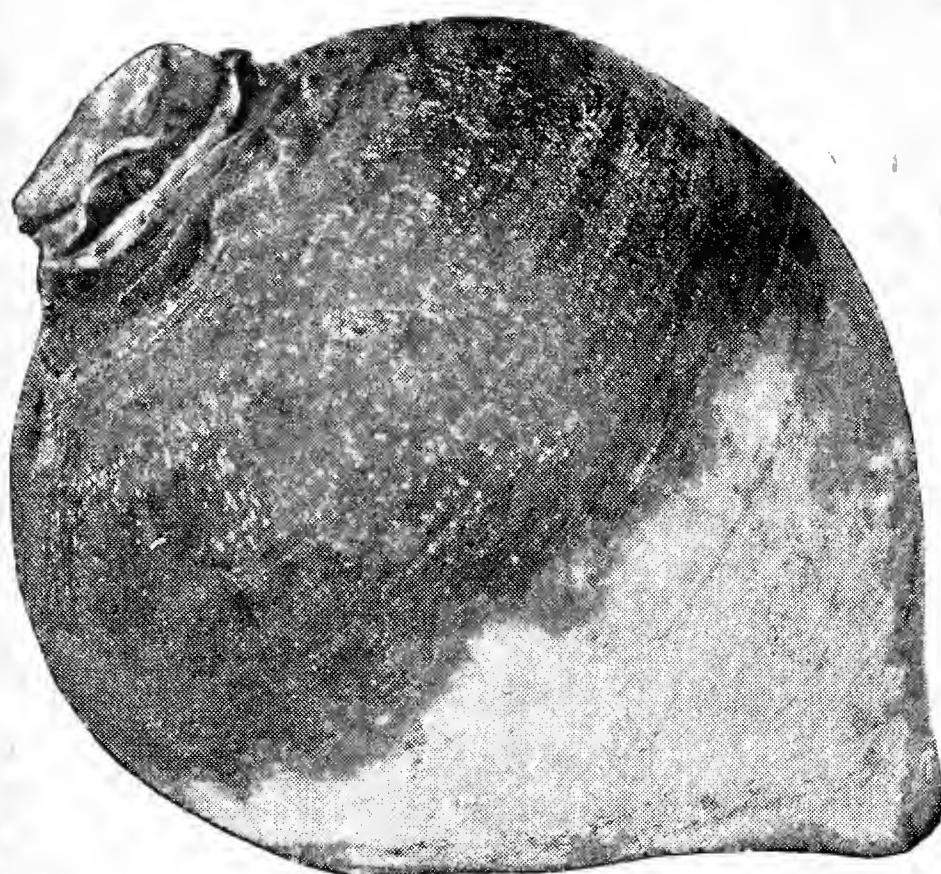
**MARGLOBE.** An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00, postpaid.

**WONDERBERRY—GARDEN HUCKLEBERRY.** Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 50c.

Kohlrübe  
(German)

## Will's Best Rutabagas

Roe  
(Scandinavian)



Will's Improved Rutabaga.

**Culture.** Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart, and frequent cultivation will increase the yield. One ounce to 250 feet of drill, 1½ pounds per acre if drilled, and 2½ pounds if broadcast. About 1,900 seeds to the packet.

### WILL'S IMPROVED AMERICAN PURPLE TOP

**YELLOW.** The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.00.

**PAJBJERG BANGHOLM.** The roots are purple-topped with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

**WHITE SWEET PERFECTION.** This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is neckless, small topped, fine grained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

**EARLY NECKLESS.** Three weeks earlier than Purple Top Yellow, entirely neckless, free from side roots, round and uniform, this is a fine quality Rutabaga. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.50.

Weiss-Rübe  
(German)

## Will's Best Turnips

Turnips  
(Scandinavian)

**Culture.** Sow seed early in the Spring for the Summer crop and about the middle of July for late crop. May be sown in drills or broadcast. One ounce will sow 150 feet of row, 1 to 2 pounds to the acre. About 2,200 seeds to the packet.

**PURPLE TOP STRAP-LEAF.** The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 65c, postpaid.

**EXTRA EARLY WHITE MILAN.** The earliest turnip, can be used Spring or Fall. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet, of splendid quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; 1 lb., 85c, postpaid.

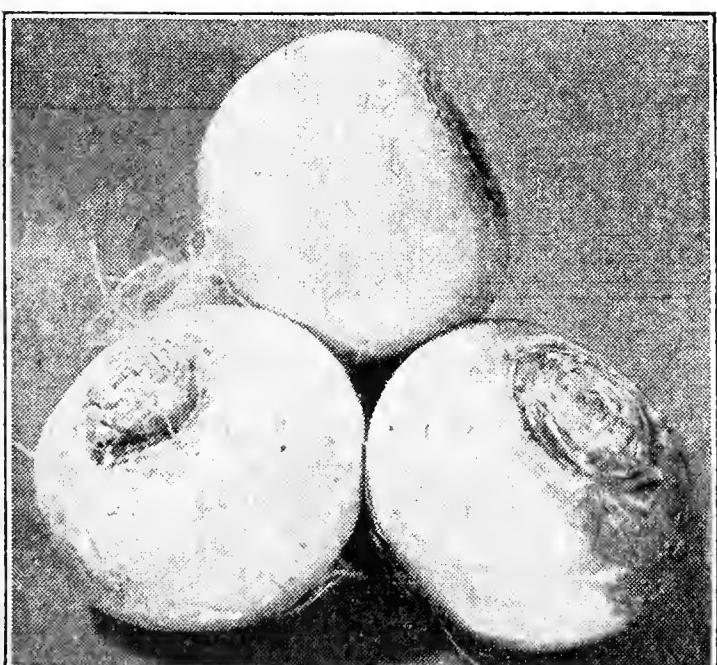
**EXTRA EARLY PURPLE TOP MILAN.** Nearly as early as White Milan. The roots are medium sized, white, with purple top. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; 1 lb., 85c, postpaid.

**WHITE EGG.** A medium-sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

**EARLY WHITE FLAT DUTCH.** A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

**PURPLE TOP WHITE GLOBE.** A good-sized, globe shaped variety of fine appearance, a good producer and a fine keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 40c; 1 lb., 65c, postpaid.

**YELLOW ABERDEEN.** A long-keeping, globe shaped, medium sized, yellow sort, tender and sweet fleshed. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; 1 lb., 75c, postpaid.



Purple Top White Globe.

# PIONEER BRAND SEED CORN

Prices of Seed Corn include sacks, are f. o. b. here and subject to prior sale and change without notice  
**TEST ALL SEED CORN WHEREVER OBTAINED**

## THE TRUTH ABOUT SEED CORN

### ACTUAL SCIENTIFICALLY ESTABLISHED FACTS

Seed Corn taken from a less favorable to a more favorable climate will yield well and do well.

Seed Corn taken from a more favorable climate to a less favorable one will produce poorly and grow poorly.

There is no corn as well adapted to the particular growing conditions of the Northwest as our North Dakota Missouri Valley grown seed.

Corn from the south and east can not under any conditions be as satisfactory as the home seed or that from a drier locality. The only excuse for buying such corn is to save money, and that is very poor economy on the very

few occasions when our corn is not the cheapest.

Good Corn from our Missouri Valley will produce a larger crop of matured corn year after year than will seed corn from any other source.

Seed Corn has been produced in the Missouri Valley by our firm for 50 years and we have developed and introduced a large part of the list of best varieties for the Northwest.

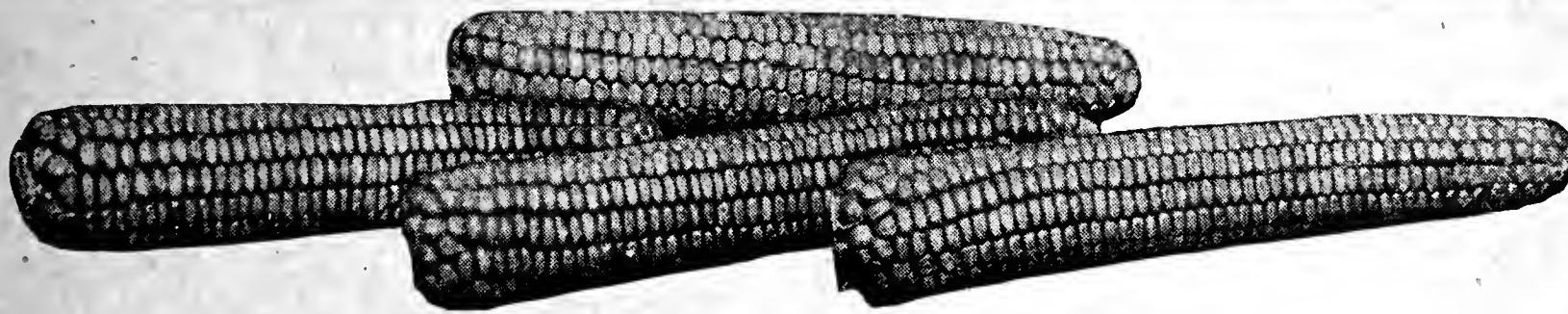
Use your intelligence in considering the various specious claims as to various lots of seed corn and you will buy only safely proven varieties from proven sources.

We have a fair supply of North Dakota Grown Seed Corn. We are not shipping in seed corn from the east or south.

## SEED CORN IS OUR SPECIALTY

**Our stock is all grown for us on contract from seed of our own selection.** We hand sort all Seed Corn and store in good dry buildings after sorting, shelling, testing and making sure that the moisture is below 14% by drying when necessary.

## FALCONER SEMI-DENT



### Hardest—Heaviest Yielder—Most Popular

Falconer Corn has now definitely come to be the principal variety of Corn over the whole Northwest, and its popularity continues to grow in ever-widening circles. Our continued careful selection of seed each year demonstrates its value, and there can be no quarrel with the statement that Falconer is the ideal type of Corn for drought, hail and cold resistance.

It has been growing in its first form for more than 50 years in Burleigh County, being a cross between the early native Indian flint and some yellow dent brought in by one of our pioneer settlers. Mr. Angus Falconer began many years ago to select it for uniformity of appearance, and our first stock came from him and was therefore named for him. It is consistently over our section the best yielder year in and year out of any sort, and while it is by no means as handsome as the pure dents it is very much more productive on the average. It is of a slightly uneven yellow color, ears are high enough to be easily cut with a corn binder, stalks are leafy and produce a high tonnage of edible feed. Cobs are white, ears 12- to 14-rowed and from 8 to 10 inches long. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 80c; 1/2 bu., \$2.25; bu., \$4.10; larger lots @ \$4.00. See Colored Illustration on Inside Back Cover.

## A Corn Handbook for the Northern Great Plains

### Corn Growing, Corn Cultivation, Corn Harvesting, Seed, Etc.

This is a new book covering the subject of Corn in the Northwestern States and Western Canada. It is written in popular style, yet at the same time gives the scientific facts about Corn growing, seed selection and food values of varieties. Deals with the history of Corn in the Northwest, varieties and their particular uses, seed Corn selection and breeding, methods of planting, cultivating and harvesting, and the utilization of the crop, under the varying climatic conditions of the Great Plains.

Published by the Webb Publishing Co., written by George F. Will.

Price, here, 50c. Postpaid to any address, 60c.

A Copy of the Handbook Free with Each Seed Corn Order of \$10 or More Upon Request

# Will's Dakota White Flint

The Earliest, Most Drought Resistant, Highest Yielding of the Standard Early Flints



Dakota in Drying Cribs.

**Dakota White Flint**, the first Corn developed by Oscar H. Will in the early eighties, has stood the test of years and is a standard for earliness and hardiness. It is a pure, pearly white flint with long, slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill, which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint Corn matures with an unusually small moisture requirement and is the most frost resistant and hail resistant of any known variety. Stalks are leafy and bushy in

appearance, ears grow low on the stalk which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the fields as there are no coarse stalks, and every bit of stalks as well as grain is consumed with gusto by stock.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 80c;  $\frac{1}{2}$  bu., \$2.25; bu., \$4.10; larger lots @ \$4.00.

## N. D. A. C. Dakota Flint Hybridized Seed

(Produced by the N. D. A. C. corn specialist, Dr. P. J. Olson.) This is one of the best examples of increased size, vigor and yield from the crossing of inbred strains of corn that we have yet seen. This will prove a remarkable yielder and a taller growing corn than the parent. It is a hybrid from four inbred strains produced by Dr. P. G. Olson with particular attention to high yield and general excellence. Lb., postpaid, 60c. F. O. B. Bismarck, 10 lbs., \$1.75;  $\frac{1}{2}$  bu., \$4.50; 1 bu., \$8.00.

## Assiniboine Flint Corn

From the Canadian Indians—Earliest Type of Corn Grown. It is one of the very earliest and

hardest types of Corn in the world. Ripens 10 days before the Gehu and Dakota, so has an especially useful place in hogging off. Yields only 15 to 20 bushels if checked in, but if drilled at the rate of 25 lbs. per acre will yield as high as 40 or 50 bushels per acre. Lb., 30c, postpaid. 10 lbs., \$1.00;  $\frac{1}{2}$  bu., \$3.25; bu., \$6.00.

## Alta Yellow Dent

This is a medium late yellow dent resembling Minnesota 13 in appearance. About as early as Haney Strain 13 and our tests seem to show that it is better adapted to the drier sections of the Northwest than is the 13. It was produced by Professor Manley Champlin when at the S. D. Station at Highmore in the high plains region of that state. Lb., 30c, postpaid. 10 lbs., \$1.25;  $\frac{1}{2}$  bu., \$3.25; bu., \$6.00.

## WILL'S ORIGINAL NORTHWESTERN DENT

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. **The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.**

It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. It ripens in 80 to 90 days. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 80c;  $\frac{1}{2}$  bu., \$2.25; bu., \$4.10; larger lots @ \$4.00.



Northwestern Dent



Dakota Squaw

## WILL'S GEHU YELLOW

### FLINT

The best known of our native early flints; might well be called the universal Corn. We have shipped it to every continent and have had fine reports from it in Scandinavia, Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly fifty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 15 inches from the ground. Hog raisers declare that hogs will fatten on Gehu at least a third faster than on any other Corn variety. This is said to be especially notable in hogging off when the hogs do not have access to alfalfa or sweet clover. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 80c;  $\frac{1}{2}$  bu., \$2.25; bu., \$4.10; larger lots @ \$4.00.



Gehu

## BURLEIGH COUNTY MIXED or DAKOTA SQUAW CORN

**Hardy—Early—Heavy Yielding.** This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since on account of its extreme earliness, and its unusual hardiness and heavy yield. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint Corn of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 80c;  $\frac{1}{2}$  bu., \$2.25; bu., \$4.10; larger lots @ \$4.00.

Minnesota 13



## MINNESOTA 13 YELLOW DENT

**MINNESOTA 13** is one of the most popular varieties of Corn for silage and fodder purposes in the Northwest. The ordinary strains are adapted, however, only to good soil and favorable conditions and will mature in a favorable year, but are on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed, and of a beautiful rich yellow color. Cob is red. We have strains, extra early and adapted to the Northwest.

The Haney Strain is adapted to the eastern and our Boyd Strain to the western part of the state. Lb., postpaid, 30c. F. O. B. here, 10 lbs., 80c;  $\frac{1}{2}$  bu., \$2.25; bu., \$4.10; larger lots @ \$4.00.



in rows 3 to 4 feet apart; if broadcast, use about 2½ bushels. F. O. B. Bismarck, 10 lbs., 60c; ½ bu., \$1.25; 1 bu. or more @ \$2.00.

## 4X Fodder Corn

Southern Grown, Tall, Leafy

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted

F. O. B. Bismarck, 10 lbs., 60c;

## Acme Fodder Corn—A Cross

The Best Silage Corn for the Northwest

Acme fodder is a natural cross and as such possesses real hybrid vigor; it is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount. Being a hybrid mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 70c; ½ bu., \$2.00; 1 bu. @ \$3.60. Large lots \$3.50.

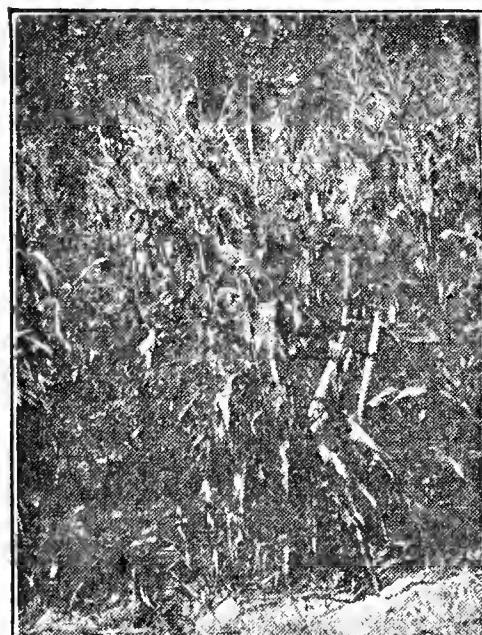


Acme Fodder Corn

## SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as

it is so bushy, and there are no heavy, coarse stalks which are usually waste. Prices are very reasonable this year. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 25 lbs. @ 14c; 50 lbs. or more @ 12c per lb.



Sweet Fodder

- BEAR ISLAND SQUAW.** A very large varicolored flint from the Chippewa Indians of northern Minnesota, very cold resistant.
- NAVAJO SACRED or CUDEI.** A very interestingly colored corn from the Southwest with very great drouth resistance—a flour corn. One of the oddest in appearance that we have seen.
- NORTHERN RUSSIAN EXTRA EARLY.** This is corn raised by us during the past year from samples of unusually early sorts sent us by Russian experiment stations.
- SANTEE MIXED.** This is a late corn, very tall and with perfectly tremendous sized ears. Probably the source type for Rainbow.
- WILD GOOSE.** A large mixed flint from Michigan, said to come from corn found in the crop of a wild goose. Usually shows quite a number of pod corn ears.

## Interesting and Unusual Corn Varieties for Trial

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 40c; F. O. B. Bismarck, 5 lbs., 75c.

**ZUNI-PERUVIAN RED HYBRID.** This is an interesting Corn, particularly on account of the very dark reddish purple color which in many of the plants dominates ear, cob, stalk and leaves. It has possibilities as an ornamental.

**MANDAN BLACK or PURPLE.** One of the most interesting of the flour corn types from the Ft. Berthold Indians. The darkest color in corn.

**MANDAN CLAY RED.** Another of the several Mandan varieties of flour corn, being distinct only as to color, which is most unusual.

**ZUNI BLUE.** Another of the peculiar varieties from the Pueblo peoples of the Southwest desert country. The most drought resistant varieties known. Of the small kernel flour corn type.

A very large varicolored flint from the Chippewa Indians of northern

Minnesota, very cold resistant.

**NAVAJO SACRED or CUDEI.** A very interestingly colored corn from the Southwest with very great drouth resistance—a flour corn. One of the oddest in appearance that we have seen.

**NORTHERN RUSSIAN EXTRA EARLY.** This is corn raised by us during the past year from samples of unusually early sorts sent us by Russian experiment stations.

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**WILD GOOSE.** A large mixed flint from Michigan, said to come from corn found in the crop of a wild goose. Usually shows quite a number of pod corn ears.

## Pioneer White Dent Corn

**The Earliest, Hardest White Dent in Cultivation.** Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the Northwest, and is in addition the easiest dent to pick for those wishing only the grain crop.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., twenty-five years ago. Corn which he had at that time raised for twenty years in North Dakota. This Corn has never failed to produce some ripe Corn for us even in the worst years and has proved an unusual success in eastern Montana, where it is very popular. The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 2 feet from the ground. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 80c;  $\frac{1}{2}$  bu., \$2.25; 1 bu., \$4.10; larger lots @ \$4.00.



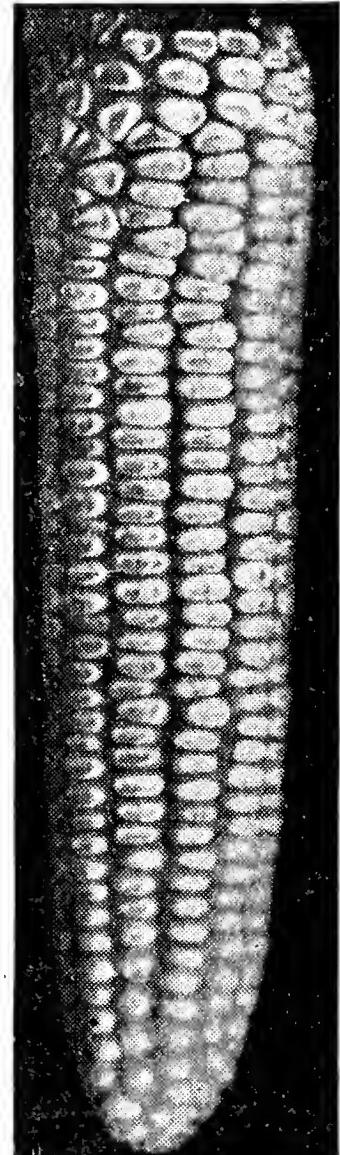
## Square Deal Yellow Dent



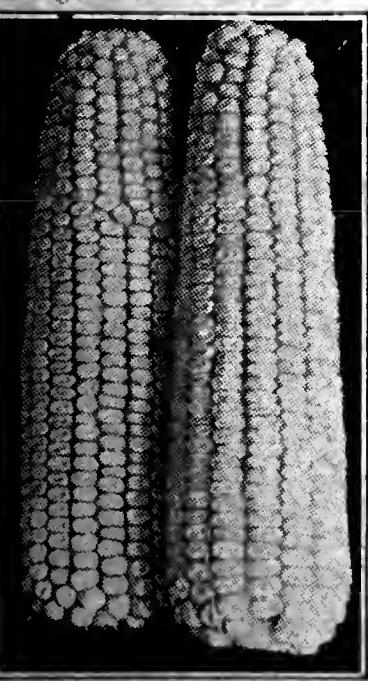
**Earliest  
and  
Hardest  
of  
Yellow  
Dents**

**Square Deal** was the first pure dent Corn introduced by us and still holds first place for earliness and hardiness in the Yellow Dent group. It was selected by Oscar H. Will and first grown in 1904. It is partial to a heavy, well watered soil and is not well adapted to light and dry locations.

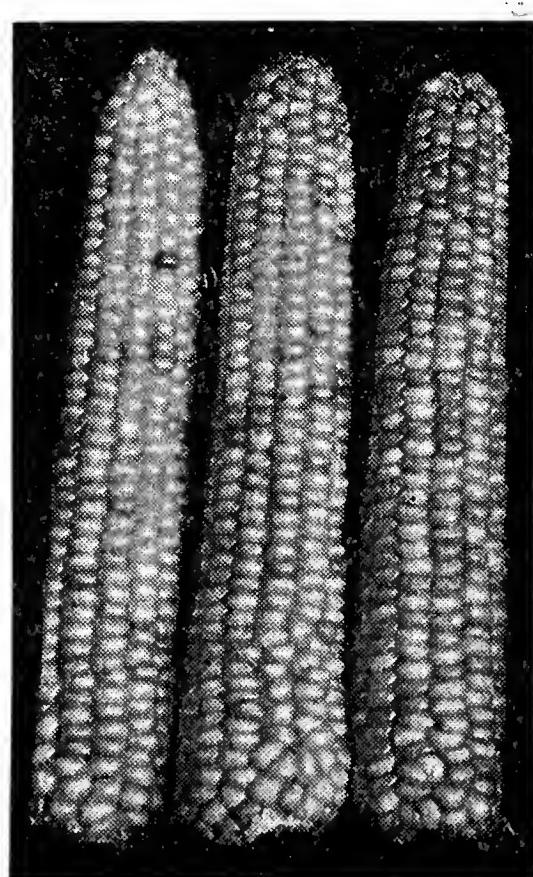
**Square Deal** is a true yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It has the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$1.10;  $\frac{1}{2}$  bu., \$2.90; 1 bu., \$5.30; larger lots @ \$5.25.



Pioneer White Dent.



**CRIMMINS' STRAIN RUSTLER DENT.** This strain which has produced championship samples for the past several years at the State Corn Show and the International is an unusually fine and uniform selection made by Mr. David Crimmins of Hazelton, N. D., who is one of the outstanding corn growers in our state. It is said to have some Pioneer Dent blood which accounts for its drouth resistance. Lb., postpaid, 40c. F. O. B. here, 10 lbs., \$1.20;  $\frac{1}{2}$  bu., \$3.00; 1 bu. or more @ \$5.50.



## Rainbow Flint—FOR FODDER AND SILAGE

**GREAT PLAINS RAINBOW.** It has been selected at the U. S. Great Plains Experiment Station at Mandan. It retains the tallness, leafiness and tremendous size of ears and possesses an earliness which makes sure a high quality of feed, although still late enough to be uncertain as a ripe ear producer. Most drouth resistant of all silage varieties. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.00;  $\frac{1}{2}$  bu., \$2.50; 1 bu. @ \$4.60; large lots, \$4.50.

**RAINBOW FLINT (common strain).** Rainbow seems to be definitely the best silage corn for the Northwest. It makes a wonderful lot of feed and silage. Good seed is scarce this fall and we were fortunate to secure a supply. Postpaid, 1 lb., 30c. F. O. B. here, 10 lbs., \$1.00;  $\frac{1}{2}$  bu., \$2.50; 1 bu. @ \$4.60; large lots, \$4.50.

# North Dakota Grown Seed Potatoes

We are unable to quote firm potato prices at this time. Write for prices in March.

## WARBA POTATO—The New Minnesota Introduction Scientifically Bred for Both Earliness and Heavy Yield

Warba is a cross between a numbered Minnesota seedling and the Bliss Triumph. It consistently outyields Irish Cobbler and is a week earlier than Early Ohio. Looks like a Cobbler with pinkish eyes. Is very resistant to mosaic, and to hot weather as well; eating quality is unusually good and yield the heaviest of all early sorts.

## Chippewa

### The New Main Crop Minnesota Introduction

Probably the best new potato produced in recent years. A white potato, yielding very heavily, very resistant to disease, of the highest quality. Favorably reported all the way to the Pacific coast. A product of scientific breeding.

## Early Triumph Seed Potatoes

### The Most Popular Extra Early Sort

The Early Triumph is a roundish, red potato, somewhat earlier than the Early Ohio and a very good yielder on good soil with fair moisture conditions. It is a great favorite at the present time, and many carloads of seed from our state are shipped south where they are used to produce the early crop for the large markets.

## Selected North Dakota Early Ohios

The Early Ohio is the standard seed potato of the country and North Dakota grown seed is recognized as best of all. Our stock is of the best selected strain, of good shape, clean and vigorous, and is all North Dakota grown. The Early Ohio is a heavy yielder, uniform in size and unexcelled in eating quality and is probably more grown than any other single variety of potato.

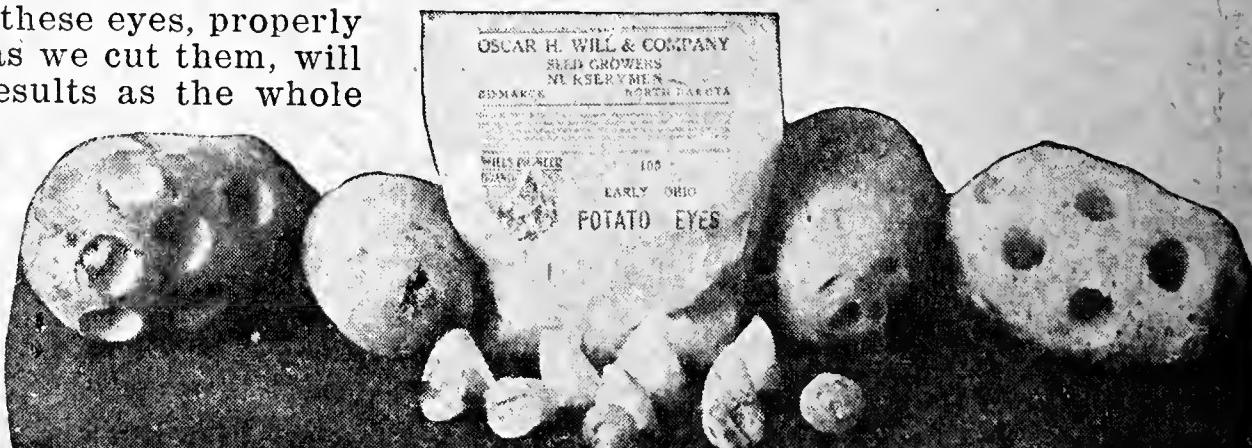
## Irish Cobbler Seed Potatoes

Our stock of these is from the finest registered. The Cobbler seems to be the heaviest yielding main crop sort on good soil. A white potato of very excellent eating quality.

## Potato Eyes

Plant 8,000 to 12,000 to the acre

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable. We do not forward until danger from frost is past unless especially directed to ship on a given date.



**PRICES:** Any of varieties listed, postpaid, 100, 60c; F. O. B. Bismarck, per 1,000, \$4.50.

Prices include sacks, and are subject to market changes without notice.

Write for prices on large lots. In case of price advances, value will be sent. Get Our Special Price List, issued at intervals after January 15th.

## WRITE FOR OUR BLUE PRICE LIST FOR ITEMS NOT QUOTED HERE

### Sudan Grass

Sow 6 to 20 lbs. per acre.

Perhaps the heaviest yielding of our annual hay crops. May be cut several times and furnishes excellent pasture for all livestock. Not injurious to any animal. Lb., postpaid, 15c; F. O. B. here, 10 lbs., 60c; 100 lbs., \$5.00.

### Early Amber Cane

Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Price lb., postpaid, 20c; F.O.B. here, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs. or more @ \$4.00.

**AMBER.** A Dakota developed and grown strain that is earlier than the ordinary strains and better adapted to Dakota conditions. Lb., postpaid, 30c; F. O. B. here, 10 lbs., 75c; 100 lbs., \$6.00.

### FETERITA

The earliest and best of the kaffir or non-saccharine sorghum types for the North. Does best in a hot season when it may mature seed. Lb., postpaid, 30c; F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs. or more @ \$4.50.

### Dwarf Essex Rape

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.75; 100 lbs., \$8.50

### Soy or Soja Beans

Sow 20 to 50 lbs.

We handle only the earliest and hardest varieties, principally the Minnsoy and Wisconsin Early Black. Suited to warm soils only. Excellent for hay or silage. Write for Prices.

### KOREAN LESPEDEZA

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. Write for prices.

### Pioneer Brand Field Peas

#### DAKOTA GROWN EARLY CANADA PEAS.

Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 50 lbs., \$2.75; 100 lbs., \$5.00.

**MARROWFAT.** Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 50 lbs., \$3.25; 100 lbs., \$6.00.

### Pioneer Brand Buckwheat

Sow  $\frac{1}{2}$  to 1 bushel per acre, or 25 to 50 lbs.

**HULL.** This is the later, heavier yielding variety which is common in the East, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 25 lbs., \$1.10; 50 lbs. or more @ 4c.

The Japanese Buckwheat is the largest seeded variety grown, as well as the hardest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 25 lbs., \$1.10; 50 lbs. or more @ 4c.

### Hay Millets

**SIBERIAN MILLET.** This is the hardest and most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 20c, postpaid. F.O.B. here, 10 lbs., 50c; 50 lbs., \$2.40; 100 lbs., \$4.50.

**WHITE WONDER MILLET.** The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. Lb., 25c, postpaid. F.O.B. here, 10 lbs., 70c; 50 lbs., \$2.70; 100 lbs., \$5.00.

**SOUTHERN GROWN GERMAN MILLET.** This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska from which region comes the German millet best adapted to our requirements in the Northwest. A wonderful producer of hay and exceedingly valuable as a food for dairy cattle, though the stalk is sometimes considered too coarse. Lb., 25c, postpaid. F.O.B. here, 10 lbs., 70c; 50 lbs., \$2.75; 100 lbs., \$5.25.

**HUNGARIAN MILLET.** This variety is one of the best adapted to northern conditions of any sort. It is better suited to cooler weather than any other kind, and under such conditions will mature seed which does not degenerate as does the northern grown seed of some sorts. Lb., 25c, postpaid. F.O.B. here, 10 lbs., 70c; 50 lbs., \$2.70; 100 lbs., \$5.00.

**JAPANESE MILLET.** This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. Lb., 25c, postpaid. F.O.B. Bismarck, 10 lbs., 65c; 50 lbs., \$3.00; 100 lbs., \$5.50.

### Hog or Proso Type Millets

**EARLY FORTUNE or RED PROSO.** This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$1.90; 100 lbs., \$3.50.

**BROOM CORN or HOG MILLET.** This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drought resister. Color whitish yellow. Postpaid, Lb., 20c. F.O.B. Bismarck, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.75.

**TURGHAI PROSO.** We are exceedingly glad to be able to offer once more this very excellent variety of proso. We believe it to be the heaviest yielder of any proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed for all kinds of stock, the straw also having unusually good feeding quality. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 50 lbs., \$2.25; 100 lbs., \$4.00.

### Sunflower Seed

Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 27c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs. or more @ 10c.

**NOTICE—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request.**

**NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.**

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. Field seeds and grain are sold under the non-warranty clause on Page 2.

## PRICES ON WINTER WHEAT & RYE QUOTED AFTER JULY 1ST

### SEED OATS

**GOPHER.** These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 45c; bu., 85c.

**KHERSON or SIXTY DAY.** The earliest oat and hence ripens before wild oats; suited to dry conditions, and a good yielder. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 40c; bu., 75c.

**VICTORY.** This is the standard mid-season oat and is of the Swedish Select type but somewhat improved. Very popular over the Northwest and a fine yielder. The grain is very plump and heavy. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 45c; bu., 85c.

**RAINBOW.** This is one of the newer varieties which has been very good in the lower and moister sections. Its chief value is its rust resistance. Lb., 20c, postpaid. F. O. B. here,  $\frac{1}{2}$  bu., 50c; bu., 90c; larger lots @ 85c.

### SEED FLAX

**GOLDEN FLAX.** Certified. The new high yielding, disease resisting variety that has given such excellent results in all recent trials. Supply very limited and we are fortunate to be able to offer it. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.00;  $\frac{1}{2}$  bu., \$2.25; bu., \$4.00.

**BISON.** This variety seems to be the most popular for several reasons. It is both wilt and rust resistant, it is large seeded and heavy yielding, very tall and bushy. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.80.

**CLEAN SEED FLAX.** This is unpreserved flax seed of good quality, suited for breaking planting. Lb., 30c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., \$1.50; bu., \$2.50.

### SPELTZ OR EMMER

**SEED SPELTZ or EMMER.** This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. Lb., 20c, postpaid. F. O. B. Bismarck, bu. (40 lbs.), \$1.00.

**YAROSLAV EMMER or SPELTZ.** This is a carefully selected special variety, of higher yield than the common. Lb., 25c, postpaid. F. O. B. Bismarck, bu. (40 lbs.), \$1.20.

### PROLIFIC SPRING RYE

This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. Lb., 30c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

### NORTH DAKOTA SPRING SEED RYE

First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. Lb., 25c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 65c; bu., \$1.25; larger lots @ \$1.20.

### HARD WHEATS

**MARQUIS.** We believe it to be unusually perfect stock. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c;  $\frac{1}{2}$  bu., 90c; bu., \$1.75; larger lots @ \$1.70.

**CERES.** Drought, rust and heat resistant. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c;  $\frac{1}{2}$  bu., 90c; bu., \$1.75; larger lots @ \$1.70.

**THATCHER.** The new rust resistant wheat from the Minnesota Experiment Station which did so well last season. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 65c;  $\frac{1}{2}$  bu., \$1.60; bu., \$3.00.

### SEED BARLEY

**SIX ROW.** This is a good quality of seed barley which gave an excellent yield but which is not identified as a definite sort. Lb., 20c, postpaid. F. O. B. Bismarck, bu., \$1.00.

**WISCONSIN NO. 38.** A heavy yielding malting barley. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 85c; bu., \$1.55; larger lots @ \$1.50 per bu.

**N. D. R. NO. 2121.** This is a rather new production of the N. D. Experiment Station. It is a selection of the Manshury 6 row type. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 80c; 1 bu., \$1.50.

**TREBI.** This is perhaps our heaviest yielding barley and the best for feed purposes. It is a strong growing six row variety which is not suitable for malting. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 75c; 1 bu., \$1.40.

### DURUM or MACARONI WHEAT

**KUBANKA.** For general excellence in every way the Kubanka still holds first place. We have a wonderfully pure stock this year of excellent quality. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 50c;  $\frac{1}{2}$  bu., \$1.20; bu., \$2.00.

## Pioneer Brand Clover Seed

**WHITE DUTCH or LAWN CLOVER.** White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. For lawn use seed 1 lb. to 300 square feet or mix with grass seed at the rate of 1 lb. to 5 lbs. of grass seed. Postpaid, 1 lb., 50c. F. O. B. Bismarck, 5 lbs., \$1.75; 10 lbs. or more @ 32c.

**MEDIUM RED CLOVER.** While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Be sure and get our extra hardy and vigorous North Dakota grown seed.

Postpaid, 1 lb., 50c; 5 lbs., \$1.75; 10 lbs. or more @ 35c.

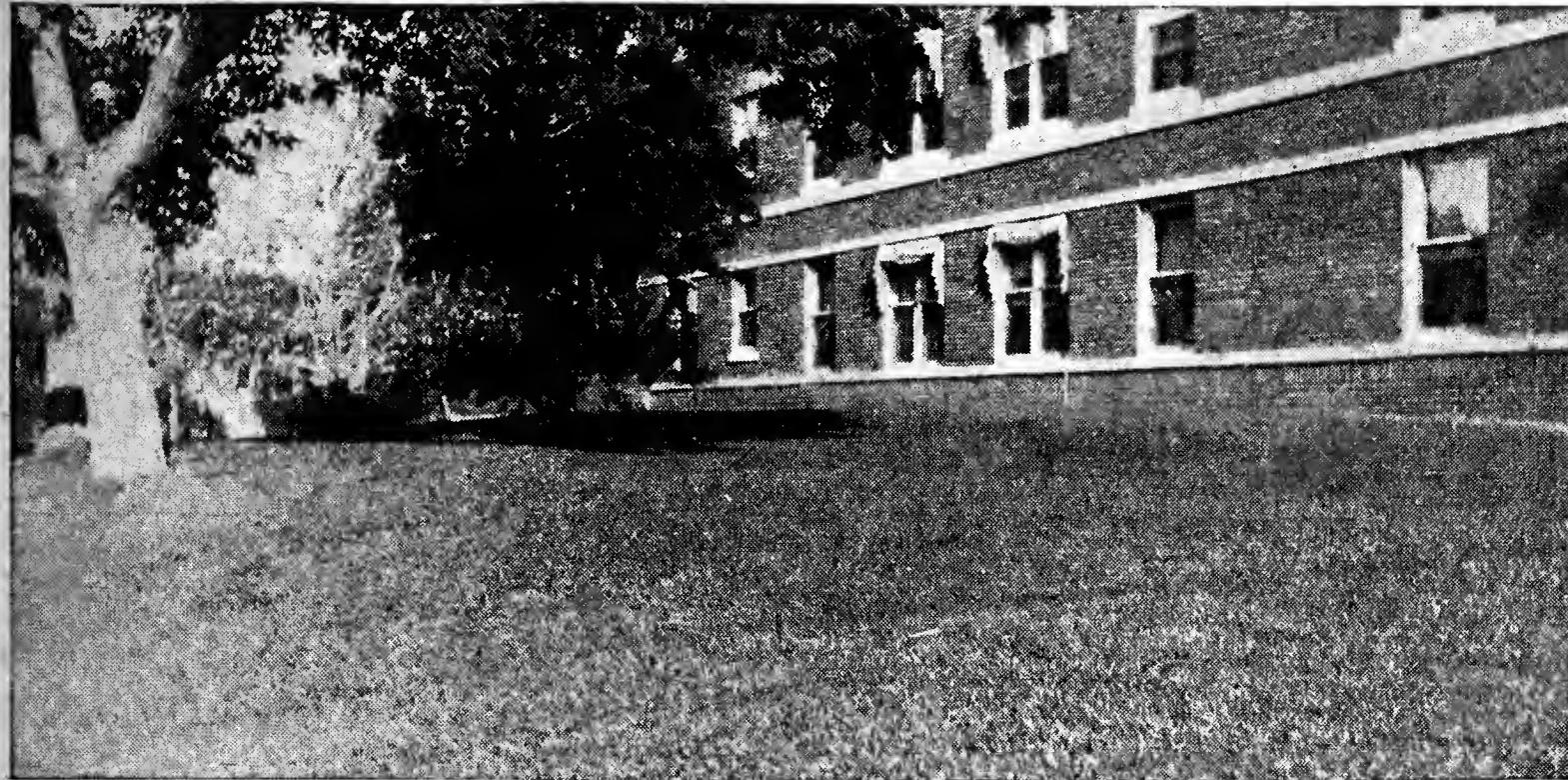
**ALSIKE or SWEDISH CLOVER.** This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 45c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.00; 100 lbs. or more @ 27c.

**MAMMOTH RED CLOVER.** This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. 1 lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs. or more @ 36c.

# WILL'S PIONEER BRAND GRASS SEED

**DIRECTIONS FOR A LAWN.** Good loam soil is well adapted to grass but is not essential. Sod should be broken and well worked down before seeding a lawn. Unless your ground is composed of basement soil or exhausted soil black dirt need not be hauled in. Even good surface clay well manured will grow grass.

Spade or plow deeply, pulverize, smooth with a rake or plank, and sow seed when there is no wind, 1 lb. to 200 square ft. Rake in well, roll if possible and water thoroughly. Do not permit to dry out until the grass is up. Fertilize from year to year as indicated by the condition of the lawn. Weeds are contained in all soils—your seedman can show you the high purity tests of his lawn seed—do not blame the weediness to the seed sown.



An Emerald Lawn

## WILL'S EMERALD LAWN MIXTURE

Registered U. S. Patent Office.

We include no white clover but can supply it to those desiring it at prices shown on page 54. 40c per lb., postpaid.

The Emerald Mixture has been planted in North Dakota and the Northwest for 40 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitutes for it. Postpaid, 1 lb., 45c; F. O. B. here, 5 lbs., \$1.75; 10 lbs., \$3.25; 50 lbs. or more @ 30c.

## WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house, also useful for street boulevards and large public building grounds. Made up of coarser and harder grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.25; 50 lbs. or more @ 30c.

**BUFFALO GRASS PLANTS.** This native grass, which seldom produces viable seed, is undoubtedly the most perfect lawn grass for dry conditions in existence. It spreads by means of runners, throws up no tall stalks, but produces a dense mat on the ground—the bent grass of the plains. We list this grass by the 100 plants or stolons. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Price per 100 plants, postpaid, 80c (enough for about 140 square feet of planting). We have a limited amount of seed which will grow 10 to 30 per cent @ 20c per oz., postpaid.

**FIRWAY STRAIN CRESTED WHEAT.** A strain developed at the Saskatchewan Experiment Station primarily for golf courses and lawns but it has become valuable for many other purposes. Foliage finer and in greater amount and the plant more spreading than in the common strain. Lb., postpaid, 75c. F. O. B. Bismarck, 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs., \$15.50; larger lots @ 60c.

## FIELD AND PASTURE GRASSES

**WESTERN WHEAT GRASS.** The hardest and most drouth resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station under the direction of Mr. Moomaw. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. Mentioned as an outstanding variety for the great plains in articles in the *Country Gentleman*, etc., last winter. Lb., 70c, postpaid. F. O. B. Bismarck, 5 lbs., \$3.00; 10 lbs., \$5.75; 50 lbs. or more @ 55c.

**THINLEAF WHEAT GRASS** (*Agropyron Smithii*). The most famous grass of the Great Plains region. Listed by us last year and we can still offer seed from a crop of good germination which comes only occasionally. Valuable mainly for permanent seeding down for pasture and hay both. Lb., postpaid, 35c. F. O. B. Bismarck, 5 lbs., \$1.25; 10 lbs., \$2.25; 50 lbs., \$11.00; 100 lbs., \$20.00.

**CHEWINGS FESCUE.** A New Zealand selection of a native American grass. As observed by us at Saskatoon recently this makes the very closest, finest velvety turf we have ever seen. Absolutely cold resistant but needs lots of water and care. Lb., postpaid, 55c. F. O. B. Bismarck, 5 lbs., \$2.25; 10 lbs., \$4.00; 50 lbs. or more @ 38c.

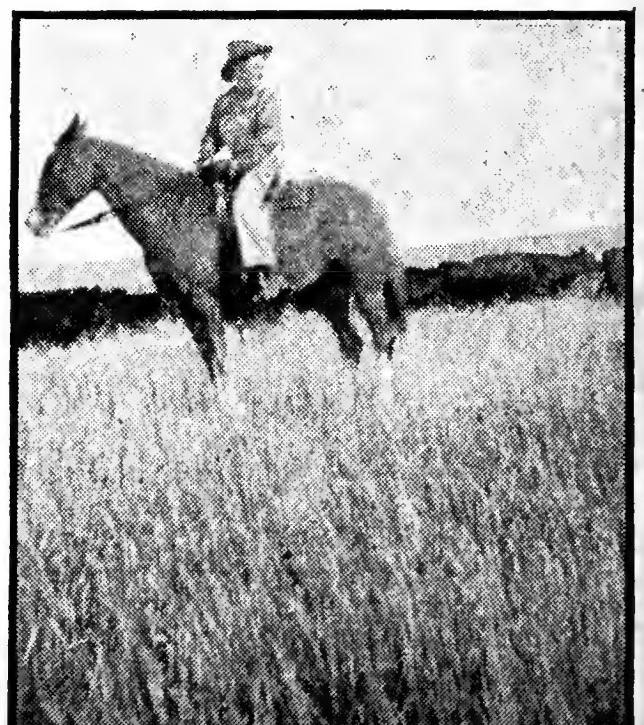
**KENTUCKY BLUE GRASS.** The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Sow 20 pounds per acre. Heavy weight seed. 1 lb., 45c, postpaid. F. O. B. here, 5 lbs., \$1.75; 10 lbs., \$3.25; 50 lbs. or more @ 30c.

**CREEPING BENT GRASS SEED.** This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.25. F. O. B. here @ \$1.00 per lb.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.

Use Red Top for shady places—use Fairway Strain Crested Wheat Grass Seed or Buffalo Grass Sod or Stolons for lawns without water.

**RED TOP or HERD'S GRASS.** Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$3.25; 50 lbs. or more @ 30c.



Western Wheat Grass

# Field and Pasture Grasses

**GREAT PLAINS PASTURE MIXTURE.** This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended by Dr. Hansen at the N. D. Experiment Station. It consists of 6 lbs. brome grass, 4 lbs. crested wheat grass, 5 lbs. slender wheat grass, 3 lbs. yellow blossom sweet clover. **18 lbs. or enough for 1 acre, \$5.50; 100 lbs., \$27.00.**

**MEADOW FESCUE or ENGLISH BLUE GRASS.** This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. **Postpaid, 1 lb., 30c. F. O. B. here, 10 lbs., \$2.00; 25 lbs. or more @ 18c.**

**REED CANARY GRASS OR PHALARIS.** This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. **Lb., postpaid, 75c; F. O. B. here, 5 lbs., \$2.50; 10 lbs. or more @ 40c.**

**ASTRAGALUS RUBEYI.** A new legume native to Montana. Thrives on poor and alkali soil. A heavy producer of excellent feed both pasture and hay. Its adaptation is not yet known, but it surpasses alfalfa where it is adapted. **Lb., postpaid, \$1.10; F. O. B. here, 1 lb., \$1.00; 5 lbs. @ 90c.**

**BROME GRASS—BROMUS INERMIS** (Austrian or Russian). Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. **1 lb., 35c, postpaid. F. O. B. here, 15 lbs., \$4.50; 50 lbs., \$13.00; 100 lbs., \$25.00.**

**PIONEER BRAND TIMOTHY SEED.** We offer only North Dakota grown Timothy seed which is from acclimated fields. **1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 100 lbs., \$10.00.**

**WESTERN RYE OR SLENDER WHEAT GRASS.** Hardy drought resistant, of good quality, a native variety. It stands cutting better than the brome grass and the hay is better on account of its finer foliage. **Postpaid, 1 lb., 35c; 5 lbs., \$1.25. F. O. B. here, 15 lbs., \$3.60; 100 lbs., \$20.00.**

## Pioneer Brand Alfalfa Seed

*We can furnish a free booklet on alfalfa growing on request.*

Clover and Alfalfa Seed Prices Subject to Change Without Notice—Value Sent If Prices Are Higher—Sacks Included in Prices

### LADAK ALFALFA—THE LATEST ALFALFA SENSATION

**LADAK** is a variety originated in the very high, mountainous sections of India. It has proved, under Northwestern and Great Plains conditions, to be the hardiest, most drouth resistant and heaviest yielding variety so far known. In addition it has considerable wilt resistance. The supply is very limited.

#### REGISTERED AND CERTIFIED GRIMM.

*Officially sealed and tagged*

This is officially registered and certified seed from fields of Grimm which have been officially inspected and the seed officially graded, and whose pedigree is on file with a history of the field in the office of state authorities. Grimm still remains the favorite for hardiness and yield. If you wish to sell your seed at a premium, plant this seed. **Blue tag 1 lb., 50c, postpaid. F. O. B. here, 10 lbs., \$3.90; 50 lbs., \$17.50; 100 lbs., \$35.00.**

**NORTHWESTERN AFFIDAVIT GRIMM.** This is genuine Grimm alfalfa which comes to us with the affidavit of the grower and the pedigree of the seed, but which is not registered and certified, and probably could not be. We do not recommend it to those who wish to grow seed, therefore, but to those who wish to grow feed this affidavit Grimm represents a considerable saving in price. **Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$3.50; 50 lbs., \$15.00; 100 lbs., \$29.00.**

**NORTHWESTERN, SECOND GRADE.** This is seed of less handsome appearance and not as high purity and germination as the best, but very satisfactory if seeded a little heavier. Supply limited. **F. O. B. here, 100 lbs., \$18.00.**

**BLUE TAG CERTIFIED.** We refer you to articles in the Country Gentlemen and other agricultural publications for further information. A very short crop due to the drouth. **Price, 1 lb., postpaid, 85c; F. O. B. here, 5 lbs., \$4.00; 10 lbs. or more, @ 75c.**

**NORTHWESTERN GROWN VARIEGATED ALFALFA.** The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Liscomb, Cossack, Baltic, etc. The seed which we offer under this head is seed from fields with variegated bloom but for which the grower has no pedigree. The mere fact of hardiness and variegated blossom proves that it belongs to one of the hardy strains. **Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.40; 50 lbs., \$14.50; 100 lbs., \$28.00.**

**REGISTERED COSSACK.** This is an exceptionally hardy alfalfa brought from Siberia by Professor Hansen. It is a heavy yielder as well as being very cold and drought resistant. Very similar to Grimm in all respects as shown by our many years' trial. We are informed by ranchers of the Little Missouri Bad Lands that the Cossack is preferable to Grimm and a better yielder on the heavy clay or gumbo soil of that region. Each lot is lettered. **Blue tag seed, 1 lb., 55c, postpaid. F. O. B. here, 10 lbs., \$4.00; 50 lbs., \$18.00; 100 lbs., \$36.00.**

**AFFIDAVIT COSSACK ALFALFA.** This is high quality seed from unregistered fields, but genuine Cossack and satisfactory for all purposes unless you wish to sell registered seed. **Lb., 45c, postpaid. F. O. B. here, 10 lbs., \$3.75; 50 lbs., \$16.50; 100 lbs., \$32.00.**

### Sweet Clover—for Pasture—Hay—Bees

*Free Sweet Clover Booklet furnished on request.*

**ALPHA SWEET CLOVER—With the Good Qualities of Alfalfa.** Another product of the Saskatchewan Experiment Station. Seems to combine the characteristics of both alfalfa and sweet clover, has many fine stems, is very leafy, more palatable than sweet clover. Probably an alfalfa-sweet clover cross. **Postpaid, 1 lb., 40c. F. O. B. Bismarck, 5 lbs., \$1.40; 10 lbs., \$2.50; 100 lbs., \$23.00.**

**MIXED SWEET CLOVER SEED.** For sowing on land where a catch is desired without breaking and cultivating, for scattering on old pastures and waste lands this mixed seed may be used to advantage and with considerable saving. **Prices, F. O. B. Bismarck, 10 lbs., \$1.30; 100 lbs., \$11.00.**

**YELLOW BLOSSOM SWEET CLOVER SEED.** Outside the lower and heavier soil sections of the

Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages over the higher and drier sections are greater hardiness as regards a combination of cold and drought, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. We have a wonderfully fine stock of seed. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 100 lbs., \$15.00.**

**WHITE BLOSSOM BIENNIAL.** The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. **1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.40; 100 lbs., \$13.00.**

# GREENHOUSE DEPARTMENT

## Shipping Notice:

**EXPRESS.** We recommend this service as faster, surer and safer than parcel post. Please examine all shipments on delivery, and if damaged or delayed, have the express agent make the proper notation on the receipt you will receive. We will be glad to enter claim for you, but must have the above receipt with notation of damage to establish the loss.

**PARCEL POST.** We list a postpaid price on all mailable articles and must ask that remittance be made at this rate if postal service is desired. All other prices are F. O. B. Bismarck, N. D. We cannot guarantee safe delivery of plants and flowers sent by parcel post and will not entertain claims for late or damaged delivery when sent this way.

We offer lovely reasonably priced Cut Flowers at all times. Bouquets, flower baskets and floral designs for any occasion. Prompt service always.

**WE TELEGRAPH FLOWERS.** We are members of the Florist Telegraph Delivery Association, more than 5,000 members all over the world. Guaranteed service to any place any time. Flower orders for Christmas, Easter, Mother's Day and any other occasion will be forwarded by mail if received by us a week ahead of the date they are wanted.

The N. D. 2% Sales Tax applies on all greenhouse merchandise except vegetable plants.

We list the finest and most desirable varieties of these attractive ornamental plants. Easy to grow and care for. Postpaid prices. 3 in., 35c; 4 in., 65c. Mailed in paper pots. We do not mail the larger sizes. F. O. B. here, 3 in., 25c; 4 in., 50c; 5 in., \$1.00; 6 in., \$1.50; 7 in., \$2.00. Shipped in clay pots.

**BOSTON (Sword Fern).** Very popular and satisfactory. Furnished in all sizes.  
**WHITMANI.** A handsome crested fern, with finer leaves and more compact than the Boston. All sizes.  
**ASPARAGUS PLUMOSUS (Lace Fern).** Lacy foliage and drooping fronds. Fine for jardinières. 3 and

4-inch sizes.

**MARGAS SPRENGERI (Feather Fern).** Useful for window boxes, etc., both indoors and out. 3 and 4-inch sizes.

**P'S TEARS (Paddy's Wig).** Popular moss-like plant, very small leaves. 4-inch only.

## BEDDING PLANTS

### In Paper Pots

Strong healthy plants from 3-inch pots. Much stronger than the usual 2½ inch plants and not to be compared with transplants. F. O. B. Bismarck, 15c each; 2 for 25c; \$1.40 per doz. Postpaid price, 20c each; \$2.00 per dozen.

**RATUM.** Lovely light blue for borders and edgings. Dwarf.

**LEAF.** Yellow, red and variegated. Also Trailing Queen.

**SPAN IVY.** Bright green vine. Fine for window and porch boxes.

**CINNIA.** Compacta. Deepest blue; dark foliage. 4 inches high. Speciosa. Trailing. For window boxes, etc. Tenuior. Large dark blue. 16 inches high.

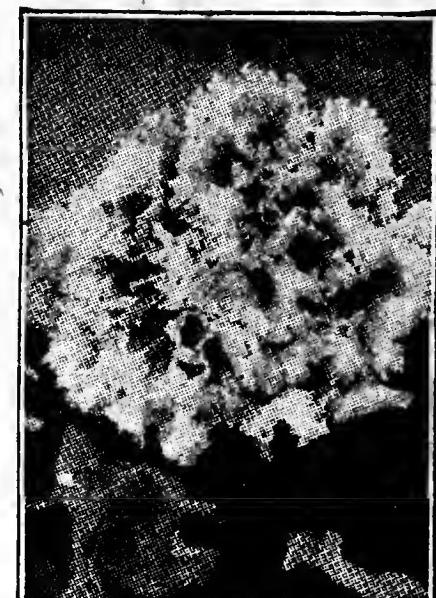
**PETUNIA.** Single type. The leader for bedding. Diener's Blue. Deep silky blue. Semi-dwarf. Giant Pink Glory. Flame rose pink. Theodosia. Deep Columbia pink, heavily ruffled. Ruffled Monster. Red, black center and assorted.

**SALVIA.** Fiery red, free bloomer. Makes a fine showing.

**SNAPDRAGON.** Large flowered, medium height. Bronze, yellow, pink and red. The finest garden cut flower.

**SWEET ALYSSUM.** Low everblooming border plant.

**VERBENA.** White, pink, deep cerise red and purple.



Double Petunia

The following Plants and Vines from 3-inch pots. F. O. B. Bismarck, 20c each; \$2.00 per doz. Postpaid price, 25c each; \$2.50 per doz.

**ISY.** Marguerite. Single white with yellow eye.

**PETUNIAS.** Prize Double. Fine plants in mixed colors.

(See cut.)

**CANIUMS.** Strong plants of the varieties listed below.

**ENGLISH IVY.** Dark green, for use indoors and outside. Much used for Ivy Balls.

**VINCA VINES.** The best for window boxes. Major—Dark green. Variegata—Light green and white foliage.

Exceptionally strong thrifty plants from 4-inch pots. F. O. B. here, 30c each; 3 for 85c; per doz., \$3.00. Postpaid, each, 38c; 3 for \$1.00; 12 for \$3.75.

**BEGONIA.** Gracilis everblooming type. Excellent house plants, also for garden planting in season. Furnished at any time.

Luminosa. Deep scarlet, reddish foliage.

Prima Donna. Lovely rose-pink, green leaves.

**CANNAS.** Strong plants of all varieties listed under "Bulbs," below.

**GERANIUMS.** Strong heavy plants.

Irvington Beauty. New rosy salmon pink. Improved Polystyrene. Beautiful shrimp pink.

La Favorite. Finest double white. Red Barney. Brilliant red. Free bloomer.

**WILL'S GIANT BLOOM PANSIES.** Sturdy free blooming transplants.

**SINGLE PETUNIAS.** Transplanted, mixed colors.

{ 40c per doz.; 50 for \$1.50;  
100 for \$2.75. Postpaid, 55c per doz.; \$3.50 per 100.

### TRANSPLANTED BEDDING PLANTS

35c per doz., 50 for \$1.15; \$2.00 per 100. Postpaid delivery price, 45c per doz.; \$2.75 per 100.

**ASTERS.** Wilt-resistant strains. Pink, lavender, purple and red.

**SNAPDRAGON.** All shades.

**AGERATUM.** Light blue for borders.

**WATER PLANTS** for pool or tub culture. Best varieties. Free cultural directions. No shipments before May 1st.

**HARDY WATER LILIES.** COMANCHE (bronze), CONQUEROR (red shaded white), MARLIAC WHITE, MARLIAC YELLOW. 75c each; 4 for \$2.65, delivered.

**WATER HYACINTHS.** 2 for 25c; 6 for 60c, delivered.

Giant Pansies

OUR BULBS  
MUST MAKE  
GOOD OR  
WE WILL.

These stand at the head of all bedding plants where a massed effect is desired. Growing in popularity. Strong dormant roots. Each, 15c; 2 for 25c; \$1.25 per dozen, delivered.

**TLAND.** 3 to 4 feet tall. A most valuable variety of bright pink. Green foliage. 4 to 5 feet. The most popular Canna.

## Canna Bulbs

Complete cultural directions with each order.

Orange-scarlet flowers. Bronze foliage.

**THE PRESIDENT.** 3 to 4 feet. Immense glowing scarlet with green foliage. Best of its type.

**YELLOW KING HUMBERT.** 4 to 5 feet. Large orchid-like yellow blooms. Vermilion spots. Green leaves.

**CANNA PLANTS.** See under "Bedding Plants" on this page.



Transplanted Cabbage Plants.

are especially recommended. They start bearing early and pay very well indeed. Our plants are grown in three-inch pots and are much thriftier than stunted stock from smaller pots from unknown seed.

(Please note Parcel Post and Express instruction on page 55. When at all convenient, shipment of plants by express is recommended as the quickest and safest way.)

	POSTPAID			F.O.B. BISMARCK BY EXPRESS			
	12	50	100	12	50	100	1000
CABBAGE. Early Transplanted.....	\$0.35	\$1.15	\$2.00	\$0.25	\$0.85	\$1.50	\$12.50
CABBAGE. Late Transplanted.....	.35	1.15	2.00	.25	.85	1.50	12.50
CAULIFLOWER. Transplanted .....	.40	1.25	2.25	.30	1.00	1.75	15.00
CELERY. Trans. Self-Blanching.....	.40	1.25	2.25	.30	1.00	1.75	15.00
EGG PLANT. Trans. Early.....	.50	1.60	2.85	.40	1.35	2.50	....
PEPPERS. Sweet Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
PEPPERS. Sweet Potted.....	1.00	3.25	....	.75	2.75	4.75	....
GROUND CHERRY. Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
GROUND CHERRY. Potted.....	1.00	3.25	....	.75	2.75	4.75	....
TOMATOES. Transplanted .....	.45	1.40	2.40	.35	1.15	2.00	17.00
TOMATOES. Potted .....	1.00	3.25	....	.75	2.75	4.75	....
TOMATOES. Yellow Plum Trans.....	.45	1.40	2.40	.35	1.15	2.00	....
SWEET POTATO PLANTS.....	.35	1.15	2.00	.25	.85	1.50	12.50



Potted Tomato Plants.

OUR BULBS MUST MAKE  
GOOD OR WE WILL.

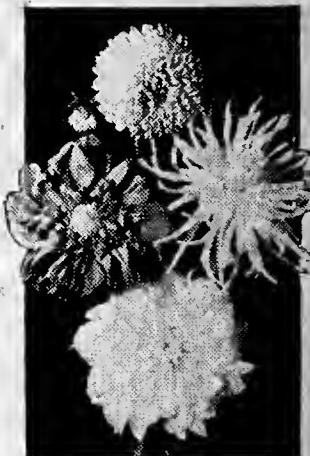
WILL'S PIONEER DAHLIAS  
Complete cultural directions with each order. All bulbs priced delivered.

Dahlias are the most magnificent and colorful of all summer flowers, both for garden decoration and as lasting cut flowers. Our list for 1937 is very attractive, combining some newer introductions of merit with older favorites. Strong clean

tubers of proper size for planting at very reasonable prices. Each bulb stamped with variety number to prevent mixing. Packed separately in sawdust and wrapped in parchment paper to reach you in the best possible condition.

## WILL'S POPULAR FOUR ASSORTMENT

This first class bargain consists of one each of the Decorative, Ball, Cactus and Art (Peony) types of Dahlias, different colors for each type, thus making a complete range of colors in each set. The four tubers are stamped A, B, C and D and packed in one wrapper with a label indicating varieties, types and colors included. Order as many collections as you choose and we will try to give you a different variety for each root that you receive. Fine high grade varieties and an unusual value at 49c for each assortment delivered.



The Popular Four.

## GARDEN CHARM COLLECTION



Jane Cowl.

- JANE COWL.** (Decorative.) Large flowers of old gold and buff blending to Salmon. (See cut of this beauty.) Each, 37c; 3 for \$1.00.
- JERSEY BEAUTY.** (Dec.) Large perfect blooms of clear pink. Each, 37c; 3 for \$1.00.
- MINA BURGLE.** (Dec.) Mammoth blooms of brilliant Poinsettia red. Each, 25c; 3 for 63c.
- D. M. MOORE.** Ball type deep maroon, almost black. Free bloomer. Each, 25c; 3 for 63c.
- SWIFT.** (Dec.) Bright yellow blooms sometimes white tipped, free bloomer. Each, 22c; 3 for 57c.
- GARDEN CHARM COLLECTION.** One tuber of each of the above five Dahlias, retail value \$1.46, for \$1.00, Postpaid.

## CAPITAL DAHLIA MIXTURE

The finest of mixed Dahlia tubers we have ever offered. You will not be disappointed with this assortment of all colors and types. Strong planting size roots at 6 for 50c; 12 for 90c, delivered.

# WILL'S BETTER GLADIOLUS

THESE modern Beauties are simply wonderful for all flower garden uses, gaining in popularity every season. Will's list for 1937 includes many of the newer prize winners from the Annual Report of Favorites issued by the American Gladiolus Society. Our "Glad" bulbs are young, high crowned and vigorous, free from harmful disease and insect pests, especially thrips. Large size bulbs at lowest prices.

All bulb prices include delivery.

Not less than 6 at dozen prices. 36 at 100 rate. Complete American Gladiolus Society cultural directions with every order.

## SPECIAL NOTICE

Varieties marked \* before description are included in our "Aristocrat" Offer of 20 prizewinning sorts at a very low price, quality considered. Don't fail to include one or more of these offers in your order. See last column for details.

### PINK

\***PICARDY.** Easily the most popular glad in existence and generally considered the last word in pink shades. Soft shrimp pink without shading. Truly immense spikes of huge flowers, many open. Your garden not complete without Picardy, especially at our low price. 3 for 17c; 12 for 51c; 100 for \$3.50.

\***BETTY NUTHALL.** Coral pink with orange throat. Good placement of blooms, very tall. 3 for 17c; 12, 51c; 100, \$3.50.

**MILDRED LOUISE.** Pure deep salmon pink, blending to yellow throat. Pencilled. Large blooms, finely plaeed. Early. Each, 22c; 3 for 60c; \$1.80 per dozen.

**PRIDE OF WANAKAH.** A very fine deep rose, well liked. 3 for 17c; 12, 51c; 100, \$3.50.

**LOTUS.** A daintily colored Prim. Grand. Glad of soft pink with yellow throat. Exquisite. 22c each; 3 for 60c; \$1.80 per dozen.

\***MRS. LEON DOUGLAS.** Begonia-rose with flame overlay. Extremely large florets, popular. 3 for 17c; 12, 51c; 100, \$3.50.

\***GIANT NYMPH.** An excellent standard pink sort with creamy throat. 3 for 17c; 12, 51c; 100, \$3.50.

**SALBACH'S ORCHID.** Lovely lavender pink. Retains its color under artificial light. Well liked. Many florets open. Each, 20c; 3 for 50c; 12, \$1.50.

**BETTY CO-ED.** Light cream-pink with deeper throat. Very lovely. Early. 14c each; 3 for 35c; \$1.10 per dozen.

### RED

**OUR SELECTION.** A giant exhibition glad. Salmon-red flecked with deeper shade. Long spike, many very large blooms. Each, 11c; 3 for 30c; Dozen, 95c.

\***AFLAME.** Very large begonia-rose. A striking Prim-Grandiflorus. 3 for 17c; 12, 51c; 100 for \$3.50.

**COMMANDER KOEHL.** A beautiful massive clear blood red. Heavy straight spike. Very popular. 14c each; 3 for 35c; \$1.10 per dozen.

\***RED PHIPPS.** Glowing soft red florets. Splendid spike, good placement. You will like this one. 11c each; 3 for 30c; 12, 95c.

\***PURPLE GLORY.** Large ruffled deep velvety maroon. Greatly admired. 9c each; 3 for 24c; 12, 72c.

\***DR. F. E. BENNETT.** Fiery scarlet with white lines in throat. Many blooms. Still considered the best cut flower red sort. 3 for 17c; 12, 51c; 100 for \$3.50.

### SMOKY

\***BAGDAD.** (See cut.) Smoky old rose shading darker toward edge, lighter throat. Smooth clear color. 6-8 blooms open, large florets. 11c each; 3 for 30c; 95c per dozen.

\***MOTHER MACHREE.** Soft smoky lavender edges overlaid with salmon. Tall plant with 8-12 blooms open. 14c each; 3 for 35c; \$1.10 dozen. (Was \$100.00 each a few years ago.)

\***MARMORA.** Immense smoky lavender from Australia. Many blooms on tall spikes. 9c each; 3 for 24c; 72c dozen.

### YELLOW, ORANGE AND BUFF

\***WASAGA.** Glowing buff with wide open ruffled blooms. Perfectly clear color. Believed by many to be the most beautiful glad ever produced. Each, 15c; 3 for 40c; 12, \$1.15.

\***OLDEN DREAM.** Clear rich yellow, tall and fine. Very popular. 3 for 17c; 12, 51c; \$3.50 per 100.

\***ALOMA.** Vivid orange Prim-grand. type. Most attractive. Very early. 11c each; 3 for 30c; 95 per dozen.

OUR BULBS  
MUST MAKE  
GOOD OR  
WE WILL.



Bagdad

**DUNA.** Soft light pinky buff, shading lighter. A very unusual and attractive introduction. 20c each; 3 for 50c; dozen, \$1.50.

**PRIMROSE PRINCESS.** Very large stately wide-open primrose yellow. Tall with long flower head. Each, 11c; 3 for 30c; 95c per dozen.

### WHITE

\***MAID OF ORLEANS.** The leading white. Beautiful milky white with cream throat. Large flowers. 14c each; 3 for 37c; dozen, \$1.10.

### BLUE

\***VEILCHENBLAU.** Large flowers of rich violet-blue. Tall strong spike. A great favorite. 3 for 24c; 12, 72c; 100 for \$5.00.

**PELEGIRINA.** Early large dark blue of pure color. Many open. 18c each; 3 for 45c; 12, \$1.35.

\***AVE MARIE.** The best medium blue with small purplish blotches. 7-8 large blooms, well plaeed. 11c each; 3 for 30c; 12 for 95c.

### LAVENDER AND PURPLE

\***MINUET.** Lovely light pinkish lavender. Many large blooms. Easily the best of its color and season. 3 for 24c; 12, 72c; 100, \$5.00.

**BERTY SNOW.** Large light lavender often flecked darker. 7 to 10 well placed flowers. 11c each; 3 for 30c; 95c per dozen.

\***DR. MOODY.** Light lavender with pencilling of darker shade. Long spike with many open. Midseason. 11c each; 3 for 30c; 95c dozen.

\***CHAS. DICKENS.** Radiant purple violet. Early. Tall and strong with fine spike. 9c each; 3 for 24c; 12, 72c.

**\$1 00 WILL'S 1937 ARISTOCRAT GLAD OFFER \$1 00**

This is again an outstanding bulb value and despite the short crop of first-rate bulbs we offer a finer collection than in years past. Included are Wasaga, Picardy, Bagdad and seventeen other prize-winning "Glads to gladden your garden." Young vigorous stock to replace your worn out stock. Separately bagged and labelled. One large bulb of each of the twenty varieties marked with a star (\*) on this page. A \$1.86 value, in this offer for \$1.00. 3 collections for \$2.75.

### "PIONEER" GLADIOLUS MIXTURE

Truly an exhibition collection of rainbow colors, made up from fine named sorts to make it a most unusual value for your garden. Large clean bulbs. 12 for 30c; 45 for \$1.00; 100 for \$2.00.

### "BETTER TIMES" COLLECTION OF FINE MIXED GLADIOLUS

These are blooming size (medium) bulbs in a pleasing assortment of colors and types; coming into bloom one to two weeks later than the Pioneer mixture. 65 for \$1.00; 100 for \$1.45; 1,000 for \$12.50.

### MADEIRA VINE BULBS

Large dry bulbs of this popular fast growing climber. Light green foliage. 12c each; 3 for 30c; \$1.00 per dozen.

# Pioneer Nursery of the Northwest

## BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

**NOTICE TO CUSTOMERS: READ CAREFULLY.** We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

**Special Nursery Premium.** With every twenty-dollar order for nursery stock we offer free one year's membership in the North Dakota Horticultural Society. This includes receipt of the monthly bulletin, and free plant premiums.

**REPLACEMENT.** If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

**CURRENTS AND GOOSEBERRIES** are subject to certain restrictions in countries where 5-leaved pines grow, and we do not ship into such territory.

**TREES BY MAIL.** We can ship parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

**FALL PLANTING.** Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

**PLANTING INSTRUCTIONS.** Complete planting instructions will be enclosed with each order of nursery stock when shipped.

**SHIPPING.** Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

**CANADIAN ORDERS** must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

**VISITORS WELCOME.** We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

**CERTIFICATE OF EXAMINATION.** Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

North Dakota Customers Must Pay 2% Sales Tax on Nursery Stock

## Trees for Yard and Shelter Belt

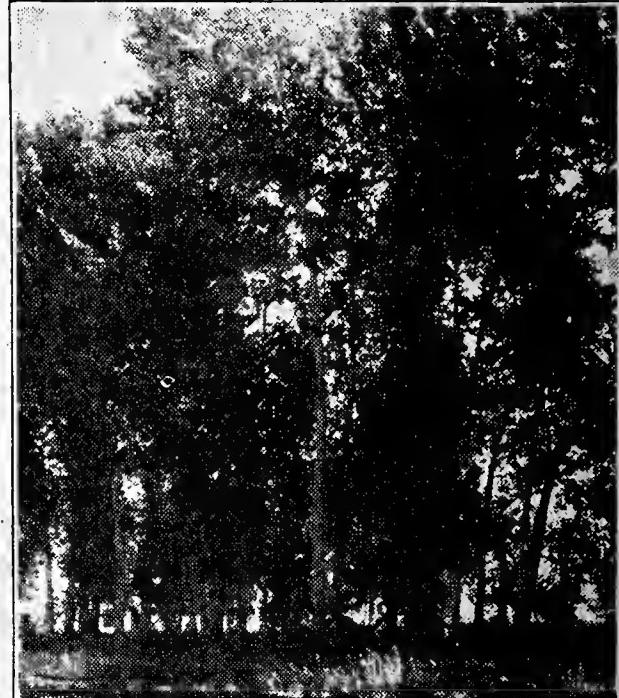
Customer Pays Transportation Except Where Marked Postpaid.

ANY PERMANENT HOME IN THIS REGION REQUIRES A WIND BREAK OR SHELTER BELT — NOW IS THE TIME TO PLANT IT.

### SPECIAL WOODLOT and SHELTER BELT BARGAIN \$7<sup>00</sup>

Trees enough to plant one acre of ground.  
200 Chinese elm seedlings 200 Boxelder seedlings  
200 Cottonwood seedlings 200 Green Ash seedlings  
All 12 to 18 in. size.  
Plant 6 ft. apart in the row, rows 8 ft. apart.  
Total Value \$9.20. . . . . SPECIAL PRICE

\$7<sup>00</sup>



Cottonwood Shelter Belt at Our Nursery

**NORTH DAKOTA COTTONWOOD** (*Populus Deltoides*). The foundation of prairie tree culture in North Dakota, and the backbone of all the many groves which dot our state. The most rapid grower and freest from disease of any of the poplar family, once more the cottonwood is coming into its own and is in increasing demand. We have been headquarters for this tree for 50 years. Valuable for its quick growth both for shelter and wood, and it will produce successive crops of fuel if properly handled.

**Collected Seedlings:** 6 to 10 in., 100, 40c; 500, \$1.90; 1,000, \$3.25. 10 to 20 in., 100, 60c; 500, \$2.25; 1,000, \$4.00. 20 to 30 in., 100, 90c; 500, \$3.20; 1,000, \$6.00.

**Nursery Grown Transplants:** 3 to 4 ft., each, 10c; 10, 75c; 100, \$6.00. 4 to 6 ft., each, 16c; 10, \$1.25; 100, \$10.00. 6 to 8 ft., each, 25c; 10, \$2.00; 100, \$18.00.

**BOX ELDER or MANITOBA MAPLE.** The only representative of the maple family native to our state, and an old favorite for street and yard planting and to thicken up a windbreak. Hardy, long-lived, can be trimmed to make a very symmetrical shade tree. 5 at 10 rates. 50 at 100 rates.

**Seedlings:** 12 to 18 in., 100, \$1.00; 500, \$4.00; 1,000, \$7.00. 3 to 4 ft., each, 12c; 10, \$1.00; 100, \$8.00. 4 to 6 ft., each, 15c; 10, \$1.40; 100, \$13.00.

**CHINESE or SIBERIAN ELM.** The past winter has conclusively proved that this tree lacks hardness under certain extreme conditions and is definitely not a tree for ornamental planting on boulevard and lawn. Its ability to renew itself quickly from the root conclusively demonstrates its value for hedges, shelter belts and windbreaks. In such uses its very rapid growth and very great drouth resistance give it a high place, and a year or so now and then of ragged and unkempt appearance are not of such great importance. Plant in well drained locations only. Seedlings, 12 to 18 in., 100, \$2.00; 500, \$9.00; 18 to 24 in., 100, \$3.25. Transplants, 3 to 4 ft., each, 25c; doz., \$2.50; 4 to 6 ft., each, 50c; doz., \$5.00; 6 to 8 ft., each, 70c; doz., \$7.00; 8 to 10 ft., each, \$1.50.



Green Ash

**Evergreens listed below sent by freight or express only—all balled and burlapped Nursery Grown, Transplanted Stock**

**BLACK HILLS SPRUCE.** This is the **hardiest and most easily grown evergreen** which we have yet found. It transplants readily, grows quite rapidly and endures cold, drouth and wind with little injury. We grow our own fine stock and can assure you of its excellence. We have sold thousands of these with the best results over the whole Northwest. One of the most handsome of Evergreens. **Price, 12-18 in., each, \$1.00; 10 for \$7.50; 18-24 in., each, \$1.75; 2 to 3 ft., each, \$3.00.**

**NORTH DAKOTA BULL PINE—PINUS SCOPULORUM.** This is a **native Pine of the North Dakota Bad Lands**, and the acme of hardiness. It makes a handsome, stocky tree, beautiful the year round with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. We sold a number for park purposes last year and the results have been wonderful. **12 to 18 in., each, 75c; 18 to 24 in., \$1.40.**



Bad Lands Cedar

**SELECTED COLORADO BLUE SPRUCE—PICEA PUNGENS.** An elegant Colorado species with feathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. **12 to 18 in., \$2.00; 18 to 24 in., \$4.00; 2 to 3 ft., each, \$5.00.**

**SCOTCH PINE—PINUS SYLVESTRIS.** A fast growing, long-leaved pine from northern Europe, which has demonstrated its hardiness over much of our section and is giving a good account of itself in a number of old plantings. **Price, each, 18 to 24 in., \$1.00.**

**JACK PINE.** Fast growing, shorter leaved pine of Minnesota. Does well in sandy soil but not in heavy soil. **3 to 4 ft., each, \$1.50.**

**CREEPING JUNIPER—JUNIPERUS HORIZONTALIS.** This is the **lovely evergreen ground cover** which we admire so much as it grows on the very tops of the Bad Lands Buttes and the Killdeer Mountains. **Healthy rooted clumps, each, \$1.50.**

**BUSH JUNIPER—JUNIPERUS COMMUNIS.** This is the native Juniper bush which is of very great value for foundation plantings and formal evergreen groups. Its maximum height is not over 3 feet with spread usually twice as great or more. Hardy and of handsome bluish green shaded to reddish in Winter. **Each, about 12 to 18 inches high, \$2.00.**

**NORTH DAKOTA BAD LANDS CEDAR—JUNIPERUS SCOPULORUM.** This is our **native type of the Rocky Mountain Juniper**, which is of more upright or columnar habit and of a more handsome bluish color than the common kind, as well as being the hardiest of its family. Our stock is all collected in the Bad Lands, grown and established at our nursery and sent out balled and burlapped. **12 to 18 in., \$1.00; 2 to 3 ft., \$2.50; 3 to 4 ft., \$4.50.**

### BLACK HILLS SPRUCE SEEDLINGS—By Mail or Express

This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the **hardest of all the Evergreens** and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for Spring shipment. Seedlings come 100 per bunch, so do not order less, as we positively will not break bunches. **Package of 100, not prepaid, 4 to 6 inches, \$2.75; postpaid, \$3.00.**



Black Hills Spruce at Mandan Great Plains Station

# Trees for Home Grounds



American Elm

**AMERICAN ELM—ULMUS AMERICANA.** The elm is perhaps the most beautiful shade tree that can be grown. Our hardy native home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. **Seedlings 6-12 in., 100, 90c; 500, \$4.00; 3 to 4 ft., each, 25c; 10, \$2.00; 6 to 8 ft., each 60c; 10, \$5.00; 8 to 10 ft., each, \$1.50. 10, \$14.00.**

**DIAMOND WILLOW.** Our best native willow and one of our most valuable trees. Produces in five or six years of growth fence posts of hard wood which will outlast the best posts of white cedar. Also by far the best firewood that can be found in the state. Easily grown. **Seedlings, per 100, 75c; 500, \$2.50; 1,000, \$4.00. Cuttings, per 1,000, \$2.50.**

**LAUREL LEAVED WILLOW.** A Russian willow with handsome green bark and glossy leaves. Hardy and handsome. Good both as an ornamental and for hedge and windbreak. **2 to 3 ft., doz., 85c; 100, \$2.50.**

**BRITZENSISS RED WILLOW.**

A small willow from Siberia useful particularly as an ornamental. Handsome red bark all the year round. **Each, 25c; doz., \$2.25.**



Diamond Willow Fence Post

**GOLDEN RUSSIAN.** The best known of the Russian willows. The bark is a handsome yellow all year around. Valuable in windbreaks, and can also be trained into tree form. **2 to 3 ft., doz., 75c; 100, \$2.00.**

**NORTHWEST POPLAR.** A hardy, drought resistant poplar, native in parts of North Dakota and Manitoba. A handsome, fairly fast growing tree, useful as an ornamental in addition to its value in windbreak and shelter belt planting. Perhaps the most drought resistant of any of the poplars; in appearance it is intermediate between the cottonwood and Balm of Gilead. **3 to 4 ft., each, 20c; doz., \$2.00.**

**SILVER-LEAVED POPLAR.** A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 2½ to 3 ft. trees. **Each, 30c; 10, \$2.75.**

**BOLLEANA POPLAR.** This is one of the most ornamental poplars, foliage is silvery beneath, shape tall and compact like a Lombardy, perfectly hardy as our stock is grafted on the native cottonwood. A particularly useful tree in landscape work and very beautiful. A rapid grower. **3 to 4 ft., each, 40c; 5, \$1.75.**

**NORTH DAKOTA BURR OAK.** This is one of the most permanent and beautiful of our native trees but rather difficult to transplant. We are furnishing them balled and burlapped. **2 to 3 ft., each, 75c.**

**BLACK WALNUT.** We are very glad to be able to offer at last a hardy strain of these fine trees. Our stock has been grown in our own nursery from seedlings of Minnesota origin and has survived perfectly with us. **3 to 4 ft. trees, each \$1.00.**

**HORSE CHESTNUT or BUCKEYE.** We have secured a very hardy stock of this handsome ornamental tree and recommend it highly. **Price, each, balled and burlapped, 3 to 4 ft., \$1.00.**

**EUROPEAN MOUNTAIN ASH or ROANTREE—SORBUS AUCUPARIA.** A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until Winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. **Special price, 5 to 6 ft. trees, each, 80c; 5 for \$3.75.**

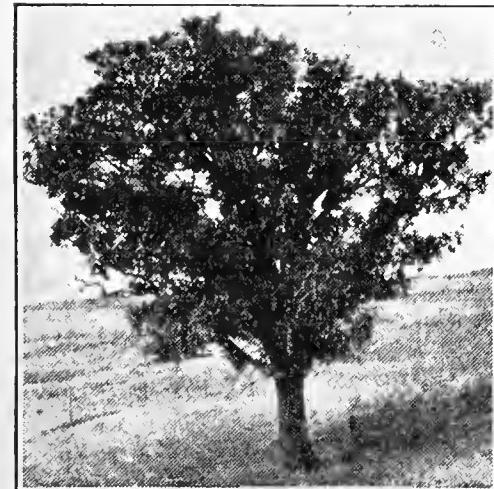
**CUT LEAF WEEPING BIRCH.** This is one of our most beautiful ornamental trees, but has been rather difficult to start. We believe, however, that we have solved this difficulty by handling them somewhat like evergreens and selling them balled in moss. We have some splendid stock. **5 to 6 ft. Price, each, \$1.30.**

**HACKBERRY.** This is a native tree of handsome appearance somewhat resembling the elm. Rough bark, very hard wood. Makes a very fine street and lawn tree. **3 to 4 ft., each, 40c; 5 for \$1.75.**

**AMERICAN LINDEN or BASSWOOD.** One of the most beautiful of the native North Dakota trees. Also a wonderful honey producer. A perfect ornamental and a fine boulevard tree because of its shade and symmetrical shape. **5 to 6 ft., each, 70c.**



May Day Tree



Burr Oak

**HOPA RED FLOWERING CRAB.** This is one of Prof. Hansen's productions, and a most beautiful ornamental. It will attain the height of a small tree in time. In May it is a mass of dark **crimson blossoms**, the foliage has a distinct reddish tinge and the small fruits have the same handsome crimson color and are borne in profusion. **Each, 75c; 10, \$7.00.**

**MAY DAY TREE.** A handsome Siberian small tree or large shrub resembling our choke cherry but blooming much earlier. In fact its **leaves and blossoms are about the earliest thing to appear in the Spring.** Flowers in elongated clusters and very fragrant. In blossom the tree is a mass of feathery white plumes. **3 to 4 ft., each, 35c; 10, \$3.00.**

**GINNALA or AMUR MAPLE.** This is a very hardy, small maple from Siberia, especially noteworthy on account of its beauty of shape and foliage and the **glowing colors which it takes on in the Fall.** Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. **2 to 3 ft., each, 40c; 5 for \$1.75.**

# Owering and Ornamental Shrubs

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokecherry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.



**Yellow Flowering Currant**

ing to location), these tall growing shrubs are extremely suitable for shrubbery clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form. Mixed, 18 to 24 in., each, 25c; 10, \$2.20; 50, \$10.00; 100, \$19.00. Pink, White or Red, 18 to 24 in., each, 30c; 10, \$2.75; 50, \$12.50.

**SIBERIAN DWARF FLOWERING ALMOND.** This is the strain introduced by Professor Hansen. A very dwarf plant not growing taller than 3 feet or a little more. Is exceedingly hardy and drought resistant, being a native of the driest parts of Siberia. It is a mass of bright pink flowers in early Spring which last for some three weeks, very fragrant and fine for cutting. Also handsome on account of the Fall colors of its foliage. A beautiful low hedge. 12 to 18 in., each, 40c; 10, \$3.75.

**RED OSIER DOGWOOD—*CORNUS STOLONIFERA*.** This is the handsome, red-barked dogwood which lends so much color to the winter landscape along our streams in western North Dakota. Hardier than the Siberian dogwood, it is fully as beautiful. Bears flat clusters of fragrant white flowers in early summer, followed by small white berries. The autumn colors are brilliant. Also known as kinni-kinneck or Indian tobacco. 2 to 3 ft., each, 30c; 10, \$2.50.

**DOUBLE FLOWERING PLUM—*PRUNUS TRILoba*.** Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. Size 2 to 3 ft., each, 60c; 5 for \$2.75.

For Nanking Cherry (Chinese Bush Cherry) See Page 73.

**SPIREA, Van Houtte or Bridal Wreath.** This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. 12 to 18 in., each, 25c; 10, \$2.00; 18 to 24 in., each, 30c; 10, \$2.50.

**SPIREA, BILLIARDI.** A hardy, vigorous growing shrub with flowers in terminal rose-colored and white spikes. Grows to a height of from 5 to 7 feet. 2 to 3 ft., each, 30c; 10, \$2.75.

**SPIREA, Alba or Salicifolia.** This is a hardy native and the only native spirea in North Dakota. Resembles very closely the Billiardi. 12 to 18 in., each, 30c; 10, \$2.75.

**SPIREA, Arguta.** A beautiful hardy spirea that has given excellent results at Great Plains Station at Mandan.

The earliest of the spireas, blooming before Van Houtte, flowers in massed umbels, color white. 12 to 18 in., each, 30c; 10, \$2.75.

**SPIREA, Thunbergii.** A very early blooming sort, even ahead of the arguta and with us somewhat hardier than the latter, and more dwarf. Maximum height, 5 ft. 12 to 18 in., each, 40c; 5, \$1.90.

**SPIREA, Froebell.** Blooms in mid-summer. This is a spirea of the bumalda type but somewhat larger than Anthony Waterer and in our opinion better adapted to more severe conditions. Flowers are a handsome pinkish red, a trifle lighter than the Waterer. Blooms on new wood and remains in flower for a long period. 18 to 24 in., each, 30c; 10, \$2.50.

**SPIREA, Sorbaria.** The ash-leaved spirea resembling a Mountain Ash in appearance. A most distinctive shrub with its large plumes of white and its distinct and handsome foliage. Much of the wood dies back in the Winter and new wood shoots up very early, upon which are borne the masses of flowers during the month of July. 18 to 24 in., each, 40c; 10, \$3.75.

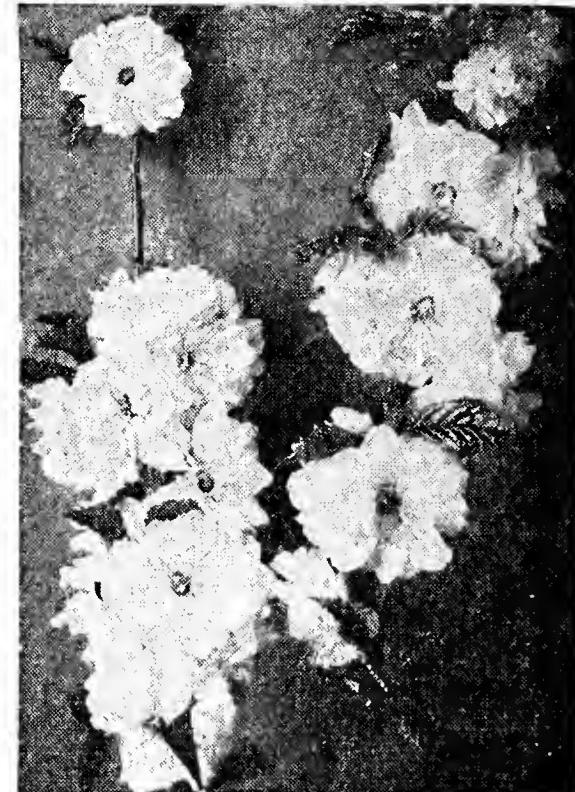
**DWARF NINEBARK.** A dwarf and handsome form of the very hardy spirea opulifolia. Flat clusters of handsome white flowers in July. Beautiful foliage. A great addition to our limited list of real dwarfs. Each, 60c; 5 for \$2.75.

**\$1.00 PIONEER SHRUB COLLECTION \$1.00**

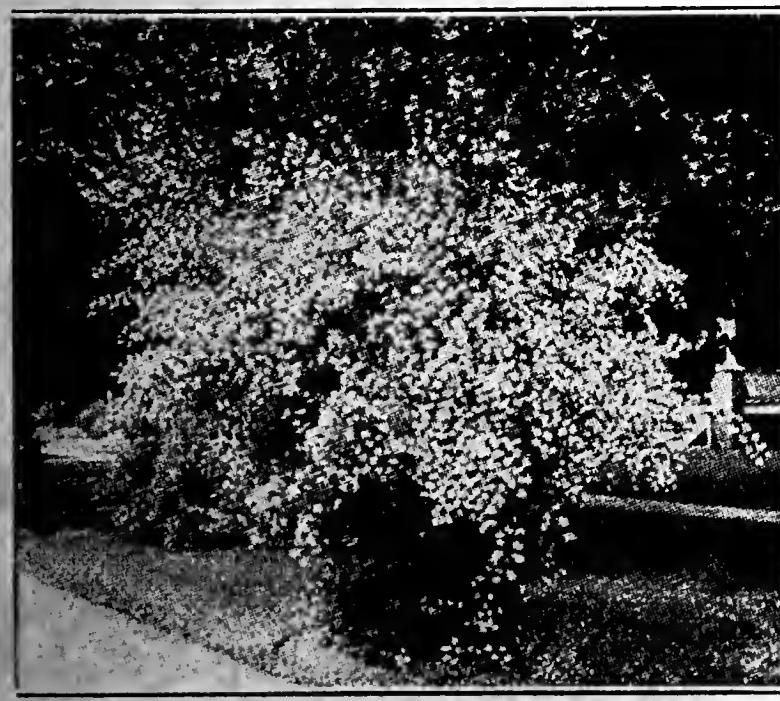
Four fine shrubs for the house front  
1 Flowering Currant...35c 1 Siberian Almond....40c  
1 Purple Lilac....35c 1 Van Houtte Spirea..30c  
Total Value \$1.40



**Tamarix**



**Prunus Triloba**



**Spirea Van Houtte**

**SNOWBALL—VIBURNUM OPULUS STERILIS.** An old favorite the country over. Requires a favorable location and plenty of moisture. When conditions are favorable it is unsurpassed among the early blooming shrubs. The last of May or in the first week or two of June it becomes almost completely covered with dense round white flower clusters. **18 to 24 in. size, each, 45c; 10, \$4.00.**

**HIGH BUSH CRANBERRY or PEMBINA BUSH—VIBURNUM AMERICANA.** It is a native shrub, and flourishes on all but the driest soils. The leaves are a glossy green and are always free from insects. It is very highly valued for its beautiful foliage and early white flowers, but mostly for its **big clusters of red berries in the Fall.** Our native relative of the Snowball which it resembles very much in appearance. **18 to 24 in., each, 40c; 10, \$3.75.**

**BLACK HAW or SHEEPBERRY—VIBURNUM LENTAGO.** Another handsome native viburnum which attains a height of six to ten feet. Bears **white flowers in flat clusters** followed by **blue black berries** which remain through the winter. Thick, glossy leaves take on beautiful colors and shades in autumn. **18 to 24 in., each, 40c; 5 for \$1.75.**

**CHINESE PEACH.** A close relative of the flowering almond which it closely resembles in appearance, height 4 to 7 ft. Blooms very early in the spring with many handsome pink tinted flowers. Perfectly hardy. **2 to 3 ft. Price, each, 40c; 5, \$1.75.**

**CISTENA PURPLE-LEAVED SAND CHERRY.** This is a very attractive shrub, the foliage being a rich purple all through the season. Very valuable as a plant to add color to the ordinary shrubbery clump. **18 to 24 in., each, 50c; 10, \$4.50.**

**GOLDEN ELDER.** This is a handsome yellow leaved form of the common elder and is of value to lend color in shrubbery groups. **18 to 24 in. Price, each, 40c.**

**COMMON BLACK ELDER.** This is the common elder of the more northerly states and parent of the Golden. Height, 4 to 8 ft. Bears enormous clusters of white blossoms in July. **18 to 24 in. Price, each, 35c.**

**RED BERRY ELDER.** This type of elder is fully as handsome as the black and our stock is grown from

Manitoba seed so that it should prove even harder in the Northwest. Very similar to the other type except that the berries are bright red instead of black. **2 to 3 ft., each, 40c; 10, \$3.75.**

**SUMAC, SMOOTH—RHUS GLABRA.**

Another very hardy and handsome shrub, native in the eastern part of our state. The handsome, much divided leaves turn a brilliant crimson in the Fall, and the fruit takes on a crimson hue in August. Is also beautiful at blossom time. Heavy plants. **18 to 24 in., each, 35c; 10, \$3.00.**

**SILVERBERRY—ELAEAGNUS ARGENTEA.** The American cousin of

the Russian olive. A less rank growing shrub, with many small yellow blossoms in the Spring of great fragrance. The **unusual silvery color** gives it great value in combination beds. **2 to 3 ft., each, 35c; 10 for \$3.00.**

**SALT TREE or HALIMODENDRON.** A wide spreading shrub with blue-gray foliage, covered in early summer with numerous pale-violet pea like flowers. The small, pale foliage and slender-stalked drooping flowers give the plant a **gracefulness and airiness** of its own and make it a very desirable shrub. **Absolutely hardy, will grow in salt or alkaline soil. Came to us from the Morden Station. Price, 18 to 24 in., each, 75c.**

**POTENTILLA FRUTICOSA.** A native shrub, hardy, **drouth resistant**, distinctive with its bright green foliage and many bright yellow blooms resembling strawberry blossoms. Valuable as a low shrub in foundation plantings. **Each, 35c; doz., \$3.50.**

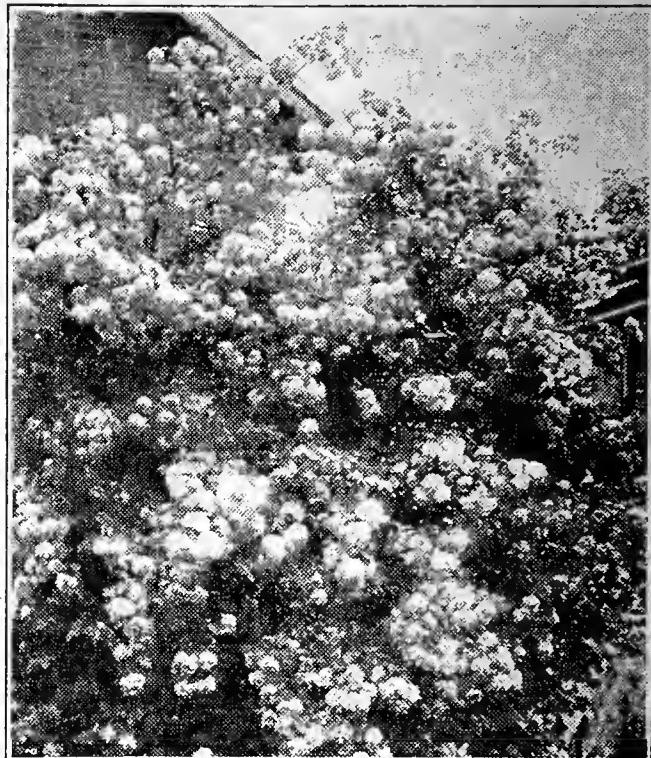
**NATIVE HAWTHORN, THORNAPPLE or RED HAW (Crataegus).** A shrub or small thorny tree, a hardy native, which is a **mass of white flowers in Spring** and after July is covered with **large red berries** of a beautiful shade which hang till late in the Fall unless eaten by the birds. It is difficult to transplant unless the stock has been transplanted from seed in the nursery as ours. A wonderful hedge plant. **Price, 6 to 12 in., each, 30c; 5 for \$1.40.**

**CHINESE APRICOT.** This is one of the **hardiest and most drouth resistant** of the taller shrubs. A Dept. of Agriculture importation, some 7 ft. tall, blooms very early in the spring with pink and white, peach like blooms. **2 to 3 ft. Price, each, 35c; 5, \$1.50.**

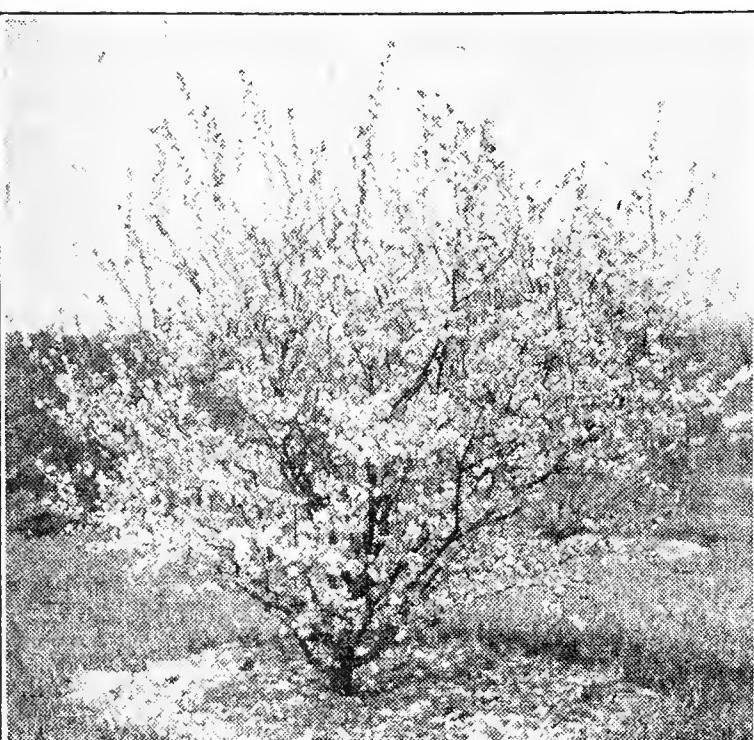
**JUNEBERRY or SASKATOON—AMELANCHIER CANADENSIS.** A native of this state, attaining a height of 6 to 8 feet, bearing white flowers very early in the Spring and producing a large number of ornamental edible berries. **Nursery grown, 18 to 24 in., each, 30c; 10, \$2.75.**

**PURPLE LILAC.** The old fashioned favorite and perhaps the most popular shrub in America even today. May blooming, its sweet fragrance and lovely spikes of bloom are not surpassed by any other shrub. **Size 18 to 24 in., each, 35c; 10, \$3.00.**

**LILAC, Common White.** The old favorite with its pure white flowers of great fragrance. **18 to 24 in. Each, 35c; 10, \$3.00.**



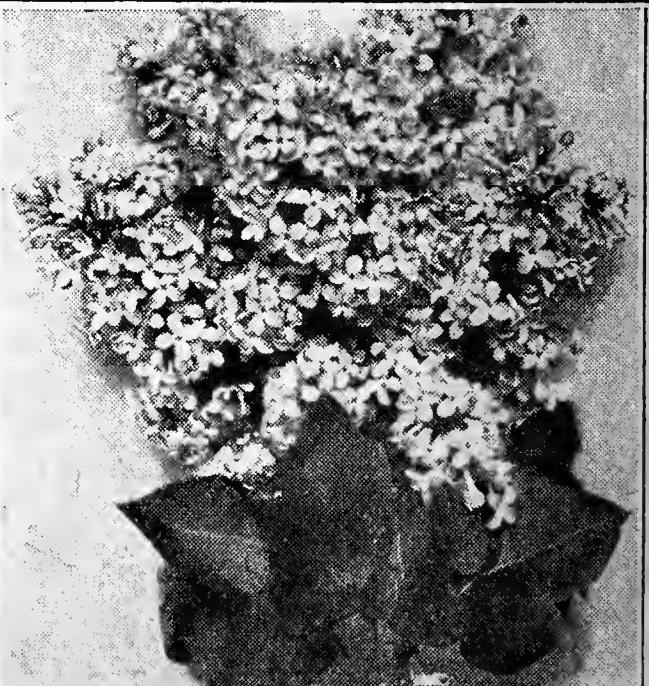
Snowball



Chinese Peach

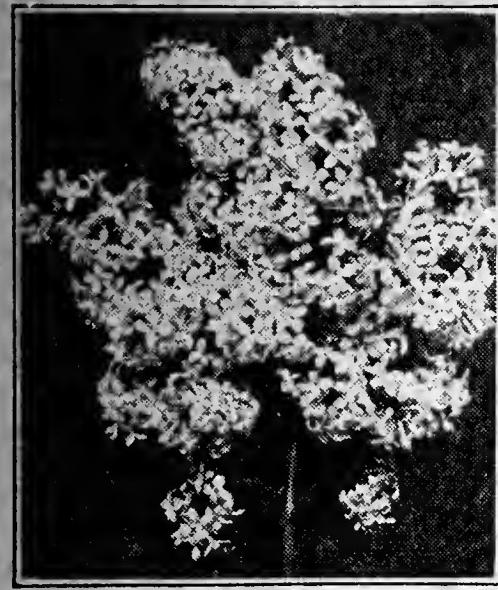


Elder Bushes



Purple Lilac

**Persian.** This is a later blooming form of lilac with finer foliage and flowers. Does not freeze back as often as the common and is a very beautiful shrub. **18 to 24 in., each, 35c; 5 for \$1.60.**



Persian Lilac

**LILAC, Josikea.** Similar to the Villosa but the flowers are violet in color where the latter are pinkish-white. Blooms late in June when the broad bush is a mass of flowers. **18 to 24 in., each, 40c; 5 for \$1.75.**

**LILAC, Villosa.** This is another late blooming variety. It resembles the Josikea in most ways but has a handsome pink bloom, very fragrant. **18 to 24 in., each, 40c; 5 for \$1.75.**

**FRENCH HYBRID—Charles X.** This is one of the finest, wonderful clusters of huge size, color between lilac and violet. Hybrids do not spread from the root. Price, each, 50c, **18 to 24 in.; 5 for \$2.25.**

**FRENCH HYBRID—Ludwig Spaeth.** Extra hardy as is the variety above. Great clusters of deep wine colored bloom, double. Very free blooming. **18 to 24 in.** Price, each, 50c; **5 for \$2.25.**

**FRENCH HYBRID—Pres. Grevy.** Double. An extra fine bluish lilac. Price, **18 to 24 in., each, 60c; 5 for \$2.75.**

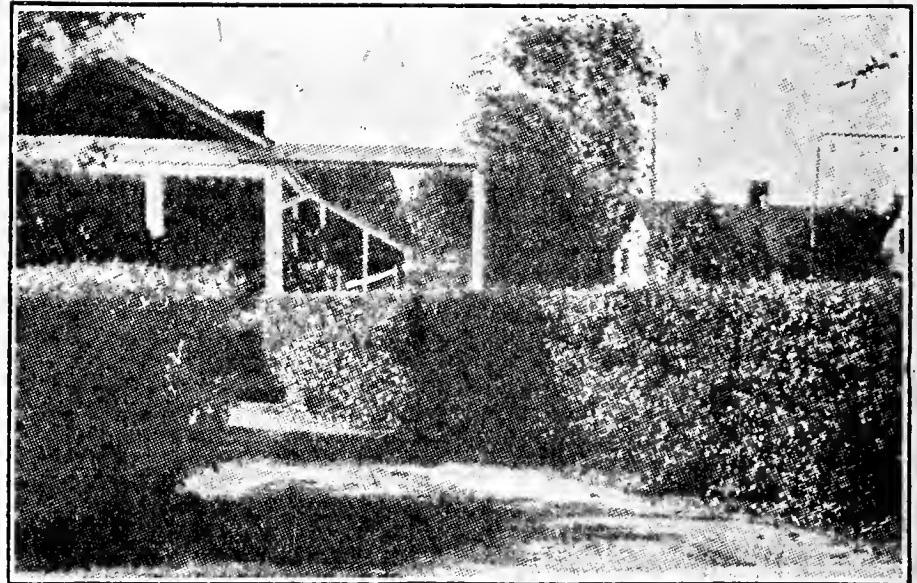
**FRENCH HYBRID—Mde. Lemoine.** A fine double white. Price, **18 to 24 in., each, 60c; 5 for \$2.75.**

## Shrubs for Both Hedge and Ornamental Planting

**RUSSIAN OLIVE—*Eleagnus Angustifolia.*** This well known hedge and windbreak plant is both drought resistant and will survive wet feet for a considerable period. It is very hardy and besides will succeed in soils where most other hedge plants will fail; particularly good on alkali soil. Price, **12 to 18 in., 10, 80c; 100, \$5.00; 18 to 24 in., each, 12c; 10, \$1.00; 100, \$9.00.**

**COTONEASTER—*Acutifolia.*** This shrub, which is not only handsome in mixed plantings but unusually well adapted to the formal hedge under conditions where Privet is used in milder climates, is one of the most valuable of recent Asiatic introductions. The foliage is dark green and very glossy, flowers which come early are inconspicuous but are followed by handsome black berries which hang until very late. Price, **12 to 18 in., 10, \$2.00; 100, \$18.00; 18 to 24 in., each 25c; 10, \$2.25; 50, \$11.00.**

**SIBERIAN PEA TREE—*Caragana Arborescens.*** The most popular of all the Russian and Siberian importations. Valuable alike for trimmed hedge, shelter belt or ornamental shrub and one of the very hardiest plants in existence. It is being used extensively and



Russian Olive Hedge

with the best results in farm plantings. Foliage resembles that of the locust, and a dainty yellow, pea-like flower covers the plant in late May or June. Bark a handsome green in color. Price, **12 to 18 in., each, 6c; 10, 50c; 100, \$2.50; 500, \$12.00; 1,000, \$20.00; 18 to 24 in., each 12c; 10, \$1.00; 100, \$6.00; 500 \$25.00; 1,000, \$45.00; 3 to 4 ft., transplants, each, 20c; 10, \$1.85.**

**OLD MAN or RUSSIAN ARTEMISIA.** One of our very hardiest and quickest-growing hedge plants. Will make a 4-ft. hedge in a month or two. Semi-herbaceous and kills back part way over Winter, but the new growth comes faster and stronger each year. Feathery branches covered with grayish green foliage and emitting a pleasant, pungent odor. **18 to 24 in., each, 20c; doz., \$2.00; 50, \$9.00.**

**BUFFALO or BULL BERRY (*Shepherdia arg.*).** Red. A native shrub, hardy, especially adapted to dry conditions, with silvery foliage. Is a mass of brilliant red berries from early August until they are picked or eaten by birds. Named by the early French explorers as the bushes in fruit looked at a distance as though they were hung with fresh buffalo meat. The berries make an excellent jelly. **6 to 12 inches, each, 10c; doz., \$1.00.**

**BUCKTHORN.** One of the most popular hedges where there is a fair amount of moisture and the soil is good. Cold resistant, and makes a beautiful and sturdy hedge. Plants, **12 to 18 in., each, 20c; 10, \$1.50; 50, \$7.00.**

**CHINESE ELM** make wonderful hedges, either clipped or natural. For prices see quotations on seedlings, page 58.



Cotoneaster

# Ornamental Vines

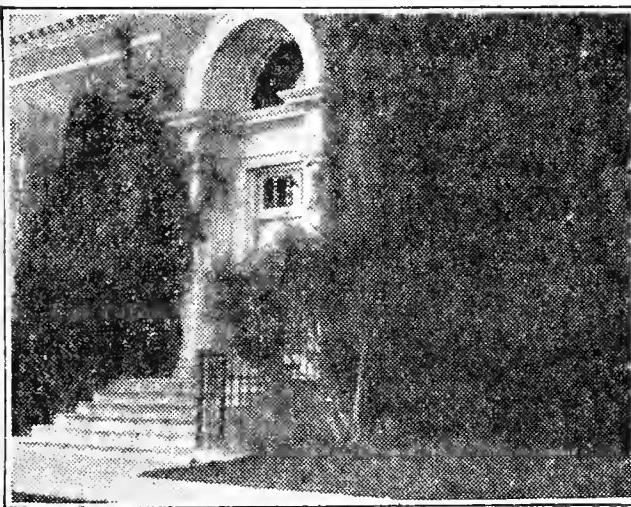
(See also Grape Vines on page 70)

**VIRGINIA CREEPER or WOODBINE.** Also called five-leaved ivy. One of the most popular and most valuable vines with handsome foliage, and blue berries in the late Summer. The deep red which it takes on in the Fall is especially striking. **Each, 30c; 10, \$2.75. Postpaid, each, 35c.**

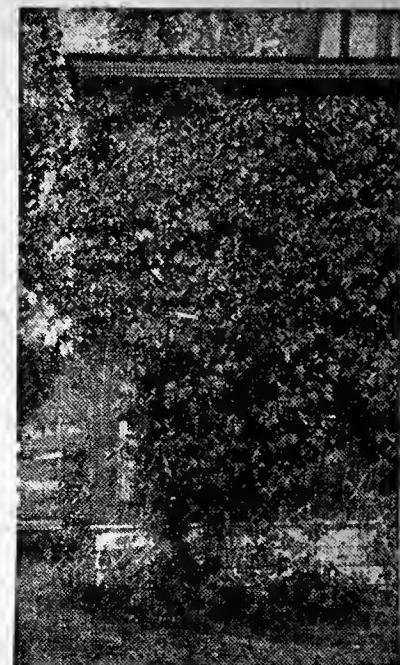
**CHINESE MATRIMONY VINE.** Useful both as a vine or shrub. Not a good climber, but excellent to trail on walls, terraces, etc. A fast growing woody plant with drooping or trailing branches. Has lavender blossoms early and good sized ornamental red fruit which persists into Winter. **Each, 20c; 10, \$1.50. Postpaid, each, 25c; 10, \$1.75.**

**PURPLE FLOWERED JACKMANII CLEMATIS.** This is one of the less hardy large flowered type which produces a dense mass of purple in midsummer. Trial has demonstrated that it will thrive here with winter protection. **Each, 75c; 6, \$4.20.**

**CLEMATIS or VIRGIN'S BOWER.** With its star-like white flowers and feathery seed heads this native is one of the handsomest of all climbers. It attains a new growth of 8 to 10 feet each year, but part of the old growth dies off. **Each, 30c; 10, \$2.50. Postpaid, each, 35c.**



Engelmann's Creeper on Bismarck Public Library



Virginia Creeper

**ENGELMANN'S CREEPER (Amp. Engelmanni).** A type of Virginia Creeper, but having shorter joints and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. **Each, 35c; 10, \$3.00. Postpaid, each, 40c.**

**NATIVE HOP VINE.** This vine is very similar in appearance to the cultivated sort but is hardier. A perennial root with new growth each year, which attains a length of 16 feet or more. A handsome, thick-growing vine that will thrive in almost any soil and under any condition. **Each, 25c; 10, \$2.00. Postpaid, each, 30c.**

**BITTERSWEET (*Celastrus scandens*).** A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in Autumn. The leaves are dense and glossy. **Each, 35c; 10, \$3.00. Postpaid, each, 40c.**

# Hardy Roses

Few Roses are suited to the climate of the Northwest and nearly all require some Winter protection. Of those we list, Rosa Pratincola, Harrison's Yellow, Rosa Rubrifolia, Betty Bland, and Scotch are entirely hardy without covering. The Rugosa and its hybrids will kill back a trifle in severe Winters, but are generally hardy; all others should be cut back in the Fall and well covered, preferably with soil banked up, but at least with straw or manure. **Add 10c to price of Single Rose if ordered postpaid.**

**PRairie ROSE (*Rosa pratincola*).** Grown by us from seed. The North Dakota State Flower and the hardiest and prettiest of the several wild Roses of the Northwest. Never grows taller than 2 to 3 feet and assumes a symmetrical bush shape which makes it ideal for low division lines. The large, single, pink blooms are followed by bright scarlet berries of good size. **Each, 35c; 10 for \$3.00.**



Prairie Rose

**BETTY BLAND.** A fine new and extremely hardy pink bush rose from Canada. Quite a sensation in the Northwest as a perfectly hardy pink rose in a class with Harrison's Yellow, though not quite so tall. We have been trying to get a stock of the Betty Bland for several years and consider ourselves very fortunate to be the first to offer it in the United States. **Price, each, 90c; 5 for \$4.25.**

**HARRISON'S YELLOW.** The most popular bush rose in the Northwest, owing to its great hardiness, its sure blooming and the beauty of the thousands of little double yellow roses with which it covers itself every June. A briar type which gets to be 5 to 7 ft. high. **Each, 60c; 5 for \$2.75.**

**CRIMSON BABY RAMBLER (Dwarf Polyantha).** Flowers similar to those of the climbers but plant forms a dwarf bush excellent for bed and as a pot plant. Blooms continuously throughout the Summer and flowers are a brilliant crimson in color. **Each, 50c; 5 for \$2.25.**

**CRIMSON RAMBLER (Climber).** The Crimson Rambler is the hardiest of the climbers and will survive if laid down and covered with earth through the Winter. Grows 8 feet or more per year and in June is a mass of brilliant crimson blossoms in dense clusters. **Each, 50c; 5 for \$2.25.**

**ROSA RUBRIFOLIA.** This is a perfectly hardy rose especially notable for the color of its stems and leaves, which is a bronze red. It is of particular value as a hedge plant and as a color relief in mixed plantings. **Each, 45c; 5 for \$2.00.**



Harrison's Yellow

**SCOTCH ROSE (*Spinossissima*).** This is a very hardy and very heavy bearing rose which has been grown over the Northwest for many years under many names. A bush rose which blooms in late June and July, and in its compact and thrifty appearance is an ornament at all seasons. **Each, 75c; 5 for \$3.50.**

## RUGOSA HYBRIDS

### AMELIA GRAVEREAUX (Hybrid

**Rugosa).** One of the most handsome hybrids. The color is a rather brighter red than Hansa and the flowers, though smaller, are better formed and resemble the Tea Roses more. Very fragrant, medium hardy. **Each, 50c; 5 for \$2.25.**

**SIR THOS. LIPTON (Hybrid Rugosa).** This is one of the hardest of the white Rugosa hybrids and one of the very best as to size and doubleness of the flowers as well. **Each, 50c; 5 for \$2.25.**



Betty Bland



Gravereaux

**GROOTENDORST or CARNATION ROSE (Rugosa Polyantha Hybrid).** Something new in Roses. Handsome Rugosa foliage with flowers in clusters like its baby rambler parent. The flowers, however, resemble carnations more than anything else and are of a delicate pink shade which heightens the resemblance. **Each, 50c; 5 for \$2.25.**

**AGNES (Hybrid Rugosa).** The only real yellow rose of this type. A handsome clear yellow of a shade varying as it is in full sun or not from very pale to lemon or darker. Blooms profusely and several times. **Each, 60c; 5 for \$2.75.**

**NEW CENTURY (Hybrid Rugosa).** This is a handsome light pink; bush rather low growing, 2 to 3 feet, but flowers of very large size. It is one of the hardier sorts, with the handsome leathery foliage of the Rugosa. A Van Fleet production. **Each, 50c; 5 for \$2.25.**

**HANSA (Rugosa Hybrid).** Crimson in color and one of the very hardiest. Strong and upright in growth, handsome foliage and blooms throughout the Summer most profusely. Flowers keep well when cut. **Each, 45c; 5 for \$2.00.**

**SARAH VAN FLEET (Rugosa Hybrid).** This is one of the newer Rugosa hybrids, a production of the famous Rose breeder, Dr. F. W. Van Fleet. This variety is exceptionally hardy, a thrifty, strong growing bush. Blooms heavily and almost continuously through the season. Flowers are very double, large and of a rose pink color. **Each, 50c; 5 for \$2.25.**

**DR. E. M. MILLS.** Produced by Dr. Van Fleet with the Hugonis as one parent. Hardy and beautiful in shrubbery plantings both for its delicate primrose colored blossoms and its foliage. **Each, 55c; 5 for \$2.50.**



Hansa

## CHOICE HARDY PEONY ROOTS

Deduct 5c per root on named sorts if ordered by express.

**Price \$1.00—Pioneer Peony Collection.**

Two each of:

**FELIX CROUSSE**—one of the finest Reds,  
**COURONNE d'OR**—one of the finest Whites.  
Total value \$1.40.

### FINE MIXED PEONY ROOTS

This is a mixture of named varieties of high quality and a generous range of colors. (Special color selections can not be supplied.) Price, postpaid, each, 20c; 10 for \$1.75.

### SOME PEONY ARISTOCRATS

**MY BRAND.** One of the finest reds, midseason, rose type. Price, postpaid, \$1.20 each.

**MR. MARTIN CAHUZAC.** The darkest peony known, a beauty. Price, postpaid, \$1.00 each.

**LA RE RIVOIRE.** The most perfect red. A late bloomer. Price, postpaid, \$1.75 each.

**CYGNE.** The most perfect of all peonies, white, mid-season. Price, postpaid, \$2.00.

**MARGUERITE.** A delicate late pink, rose type. Price, postpaid, \$1.00 each.

**MISS SHAYLOR.** Mid-season. Large, double, dark rose in color, fragrant. Each, \$1.00.

**NOE.** One of the most perfect of all peonies; score 9.7, late, a smoky shaded white in color. Each, \$1.50.

### WHITE PEONIES

**COURONNE d'OR (Late White).** One of our best late peonies. Semi-rose type, of an ivory color with conspicuous crown of golden stamens in the center. Blooms large, excellent for cutting. Postpaid, each, 35c; 5 for \$1.50.

**HERTIVA MAXIMA.** The largest and finest of all white peonies. Rose type flower, very early and wonderful to cut. Postpaid, each, 45c; 5 for \$2.00.

**MR. EMILE LEMOINE. (Midseason.)** This is also sometimes classed as a pink. Its large full blooms are overlaid with a delicate pink. Large flowered, full blooming and vigorous. Postpaid, each, 65c; 5 for \$3.00.



Couronne d'Or

**AVALANCHE.** Late midseason, very double white, with flecks of red at the center. Profuse bloomer. **Each, 45c; 5 for \$2.00.**

**MADAME DE VERNEVILLE.** A very prolific, rose type early white, a wonderful peony for cutting. **Each, 45c; 5 for \$2.00.**

### RED PEONIES

**FELIX CROUSSE.** One of the finest of the reds, color of a rich ruby, full rose type bloom, late midseason in appearing. A sturdy plant with many blooms which are excellent for cutting and handsome on the stems. Postpaid, each, 35c; 5 for \$1.50.

**KARL ROSENFIELD (Red).** One of the finer sorts, comes in early midseason. A rich velvet crimson in color with a bloom in every shoot. Blooms large and of the rose type. One of the richest flowers that we have. Postpaid, each, 55c; 5 for \$2.50.

### PINK PEONIES

**THERESE.** Rating 9.8. Perhaps the world's finest pink, rose type, satiny, develops a high crown as it matures, late midseason, heavy growth and sturdy. Postpaid, each, \$1.00; 5 for \$4.50.

**MONS. JULES ELIE.** This is undoubtedly the finest rose-pink peony in cultivation. The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. Postpaid, each, 60c; 5 for \$2.75.

**SARAH BERNHARDT.** This is one of the finest pinks—of an apple blossom shade. Late midseason, rose type. A wonderful show peony. Postpaid, each, 60c; 5 for \$2.75.

**ROSEA SUPERBA.** An early bright pink peony, very brilliant and a strong and prolific bloomer. **Each, 40c; 5 for \$1.75.**

**CLAIRE DUBOIS.** A late peony with an immense very double bloom, a clear violet rose in color. A late sort similar to Mons. Jules Elie. **Each, 50c; 5 for \$2.25.**



Felix Crousse



Avalanche

# The IRIS—Varieties for the Northwest



Fro.

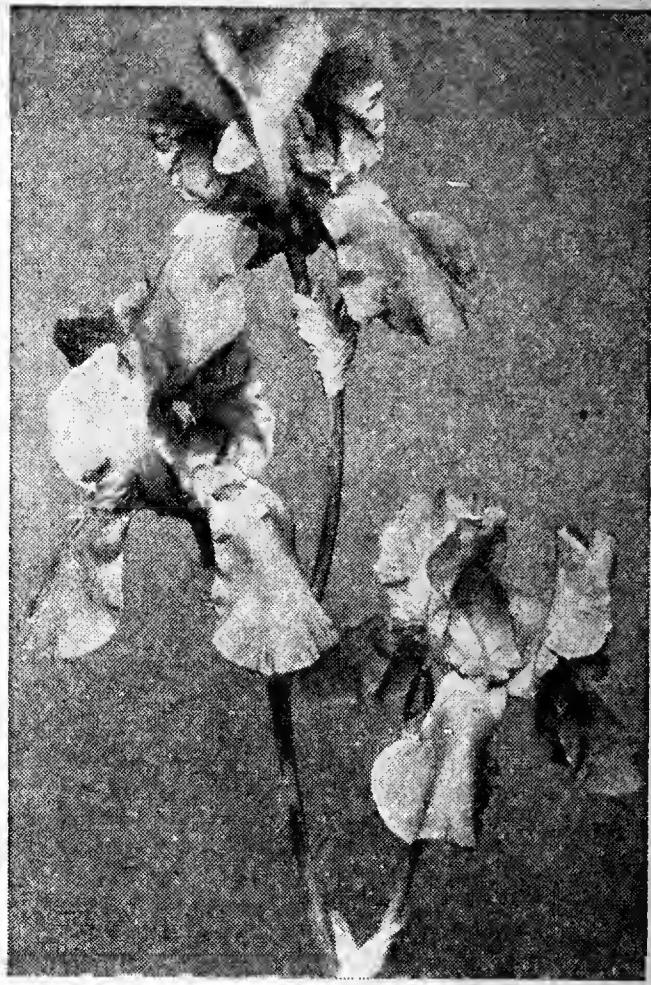
1937 PIONEER IRIS COLLECTION \$1.00	
One each of the following fine varieties:	
Fro	\$0.20
Dusky Maid	.20
Queen Caterina	.20
Prospero	.20
Seminole	.20
Lord of June	.20
Morning Splendor	.20
Blue Pumila	.15
<b>Total Value</b>	<b>\$1.55</b>
<b>ALL FOR \$1.00, POSTPAID</b>	

## FINEST MIXTURE OF IRIS— Named Varieties

We can not supply in separate colors, but every root in this lot is from a fine named sort. A real BARGAIN. Postpaid, each, 8c; doz., 75c.

### BEARDED IRIS

Prices of all varieties listed below  
15c each, \$1.50 per doz. Postpaid,  
each, 20c; doz., \$2.00.



Queen Caterina.

**QUAKER LADY.** Soft tones of smoky lavender and gold.  
**NIEBELUNGEN.** A large iris with yellow standards and violet falls.  
**SILVER KING.** Lavender shading to white, medium tall.  
**JOHANN DEWITT.** An old variety of Lemoine but always fine.  
**SMOKY.** Similar in its smoky appearance to Quaker Lady but darker.  
**LORELEY.** Yellow standards and blue falls. Medium tall.  
**RHEIN NIXE.** A lovely blue and white. Medium early.  
**LENT A. WILLIAMSON.** Very tall, graceful blooms, blue and purple.  
**SEMINOLE.** A rich velvety crimson of striking appearance. One of the finest.  
**PROSPERO.** Enormous flowers, standard pale lavender, falls velvety red violet with orange beard.  
**HONORABILIS.** Small, early, hardy, yellow and bronze.  
**QUEEN CATERINA.** Large, heavy flower, tall, both standards and falls pale violet.  
**PALLIDA DALMATICA.** Standards and falls lavender blue. Very popular.  
**GLOWING EMBERS.** A most striking bloom, iridescent buff and violet illuminated in orange.

### ONE EACH OF THE 25 IRIS LISTED ABOVE \$3.25

#### DWARF EARLY IRIS

**SAMBO PUMILA.** The earliest of all iris; a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders. By mail, each, 12c; doz., \$1.00.

**ARENARIA.** A very early yellow variety; groups well with the Sambo. By mail, each, 12c; doz., \$1.20.

**DARK BLUE PUMILA.** This is a trifle later and a few inches taller than the Sambo with a somewhat darker and larger blossom, fully as hardy and excellent in every way. Postpaid, each, 15c; doz., \$1.50.

**FRO.** Standards yellow, falls rich velvety purple, narrow yellow border. Low.

**ROSE UNIQUE.** Standards and falls violet rose, general effect is pink.  
**DUSKY MAID.** Standards pale buff, falls broad, deep mauve purple with pale margin.

**CORONATION.** A very tall deep yellow, rather new and very fine.

**BONITA.** Another tall and deep yellow sort very highly esteemed.

**MONSIGNOR.** A handsome, hardy early iris, outstanding purple and crimson colors.

**AMBASSADEUR.** Tall, late. If you want just one iris this is the one. Rich purples and blues.

**AUTUMN KING.** Blooms both spring and fall. Large blue and purple bicolor blooms.

**DUKE OF YORK.** Very tall, late, soft mauve, a very heavy bloomer.

**LORD OF JUNE.** Very tall, fragrant, and one of the most delicately beautiful of all. Soft lavender blue and violet with a tremendous blossom.

**MORNING SPLENDOR.** The best large red iris so far produced.

### WHITE PUMILA.

This is another of the extra hardy dwarf type, same size as the dark blue, of a handsome silvery color, and a prolific bloomer. We have grown it and satisfied ourselves of its value before placing it on sale. Postpaid, each, 15c; doz., \$1.50.

**EUROPEAN YELLOW FLAG.** *Iris pseudacorus.* This is an exceptionally hardy iris, valuable more for its size and vigor than for the flowers, which are a pale yellow. The plant attains a height of 3 to 5 feet in a very short time and soon forms a heavy clump. Very useful therefore in beds and landscape planting. Needs plenty of moisture to look its best. Each, 15c; doz., \$1.50, postpaid.

## Beautiful Hardy Perennial Flowers

Prices unless otherwise quoted, 20c each; doz., \$2.00. Postpaid, 25c each; doz., \$2.25.

### OF THE PERENNIALS WHICH WE LIST THE FOLLOWING ARE NORTH DAKOTA NATIVES VALUABLE FOR THE ROCK GARDEN:

Allium  
Prickly Pear  
Fragilis Cactus  
Rose Cactus  
White Pin Cushion Cactus  
All five Pentstemons  
Pasque Flower  
Western Wallflower

Anemone  
Blazing Star  
Prairie Coneflower  
Purple Coneflower  
Flax  
Sideranthus  
Prairie Phlox  
Blue & White Violets

Dakota Aster  
Golden Aster  
Laevius Aster  
Garland Aster  
Golden Rod  
Gutierrezia  
Prairie Clover  
Yucca

We offer one of each or 29 plants for \$4.00; Postpaid, \$4.30

**ALLIUM, PINK.** Fragrant pink native onion.

**ACHILLEA (THE PEARL).** Blooms July to October—masses of double white long lasting flowers. Ht., 18 in.

**ASTER. Dakota Blue.** A Sept. blooming, large flowered aster adapted to hot, dry locations.

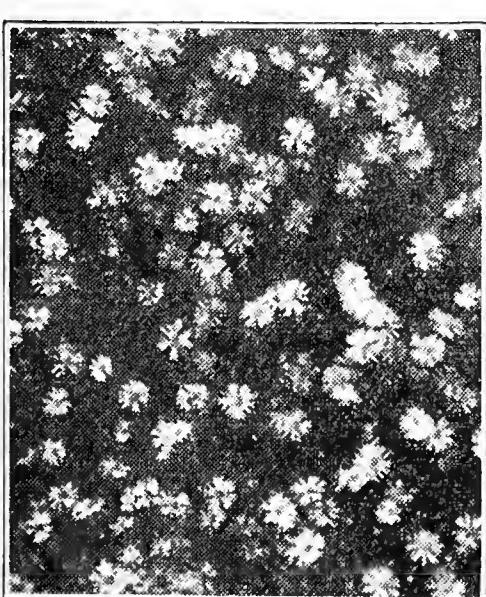
**Dakota Pink.** Same as the one above but of a very pleasing pink color.

**Golden Aster.** Another September blooming native, it becomes a mass of golden yellow flowers.

**Garland.** The late blooming white aster of the prairies. Flowers grow in white festoons.

**Shady Place (Laevius).** The handsome blue aster of the woods, thrives and blooms freely with large blue flowers in deep shade.

**New England Rose.** The largest of our natives, 4 to 5 ft., with a wonderfully rich rose color. September blooming.



Dakota Aster.

**AMORPHA. Canescens or Lead Plant.** Shrubby plant, foliage gray, blooms in July, ht. 30 in. Flowers—purple and gold spikes.

**Fruticosa.** Indigo bush, shrubby, divided green leaves, purple flowers. Ht. 5 ft.

**ANEMONE or WINDFLOWER (Canadensis).** Beautiful white flowers in June and July, shaped like white roses but with a waxy texture.

**BLUE-EYED GRASS (*Sisyrinchium*).** A relative of the Iris, native to our low spots and coulees. Ht. 1 ft. Clumps of grass-like stems with a blue star on each.

**BOUNCING BET (*Saponaria*).** A very hardy, long blooming favorite, 12-18 in. high, resembles perennial phlox to some degree. Flower white.

**CACTUS.** *Opuntia oxyacantha* (**Prickly Pear**). One of the best known and most widespread types. All our cacti are North Dakota natives.

*Opuntia fragilis*. Unlike the one above, stems are cylindrical instead of flat.

**ROSE CACTUS (*Mamillaria vivipara*).** The round pin cushion cactus of the prairies with bright rose colored blooms.

**MAMILLARIA MISSOURIENSIS.** Like the above in habit but has straw colored flowers with luminous orange centers.

**BABY'S BREATH (*Gypsophila*).** **Standard Roots.** Very useful for flower arrangements and bouquets as well as dried.

**Bristol Fairy.** The very double, grafted form of Baby's Breath. Price 40c; 10 for \$3.75. Postpaid, each 50c; 10, \$4.50.

**WING STAR (Dwarf).** Otherwise Liatris or gay feather, purple spikes 12 to 18 in. tall in August.

**DYING HEART (*Dicentra spectabilis*).** An old favorite of proved hardiness, valuable in borders and clumps. Each 50c; 10, \$4.50; Postpaid, each 55c; 10, \$5.00.

**RANUNCULA (*Ranunculoides*).** A large bluebell 18 to 30 in. tall, blooming in mid-summer.

**SCALLION (Grass onion).** A pretty little perennial of the onion family and used for seasoning in cookery.

**COLUMBINE. *Canadensis*.** The red and white woodland aquilegia sometimes known as honeysuckle.

**Rocky Mountain (*coerulea*)**. The state flower of Colorado, clear blue flowers in several shades.

**Hybrid.** Large, long-spurred columbines in an assortment of colors and shapes, blues, whites, yellows, reds.

**CONEFLOWER, PRAIRIE.** Daisy like. 12 in. tall, flowers with brown centers, yellow and red petals, profusely borne.

**CONEFLOWER (*echinacea*)**. Purple or pink coneflower, height 18 to 30 inches. Blooms in late July and August.

**DAISY, GIANT.** A tall growing (4 to 5 ft.), late blooming, profuse bearing pyrethrum, white with yellow center.

**DAISY, PAINTED.** Comes in rose and yellow, blooms in midsummer, about 18 in. high.

**DAISY, SHASTA.** A fine strain of this much improved type of daisy. 12-18 in. high.

**DELPHINIUM, Belladonna.** The pale blue, tall spired type of this old favorite.

**DELPHINIUM, Bellamosa.** The lovely very dark blue and more slender growing type.

**DELPHINIUM, New Zealand Dwarf.** These were grown from seed sent by one of our customers in New Zealand. A beautiful little plant 12 to 15 in. high with a heavy burden of full size dark blue blossoms.

**DIANTHUS, DELTOIDES—Splendens.** A very fine strain of the little rock pink so much used in rock gardens.

**Requieri.** Another selection of the dwarf rock pink.

**ERYNGIUM—Sea Holly.** 18 to 30 in. tall. Notable for the glowing amethyst color which the whole plant takes on at blooming time.

**FLAX, Blue Perennial.** Makes graceful clumps of heavenly blue flowers renewed every morning. Blooms for weeks. Height 12 to 20 in.

**GAILLARDIA—Blanket Flower.** A native which has had a Hollywood career—appearing in all possible variations of red and gold. 12-15 in.

**GOLDEN GLOW.** 4 to 6 ft. high, fall blooming, tall stalks with double lemon yellow flowers.

**GOLDEN ROD.** A universal favorite. We offer both the dwarf early and the tall later type.

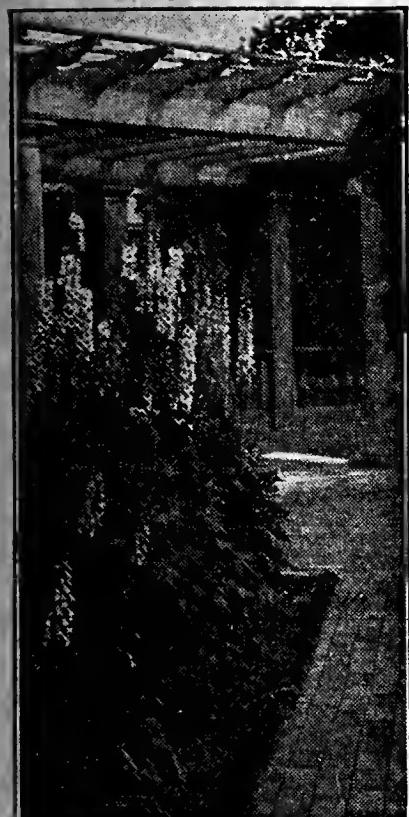
**GUTIERREZIA.** A lovely native fall plant producing almost perfect hemispheres of gold in August and September.

**HELIOTROPE, Native-oreocarya.** A very fragrant little plant of inconspicuous appearance but with a strong heliotrope scent.

**HOLLYHOCK, SINGLE AND DOUBLE.** This old favorite is always useful for its height and color. We offer single at standard price. Double in red, white, yellow and pink at 5c each over that price.



Baby's Breath



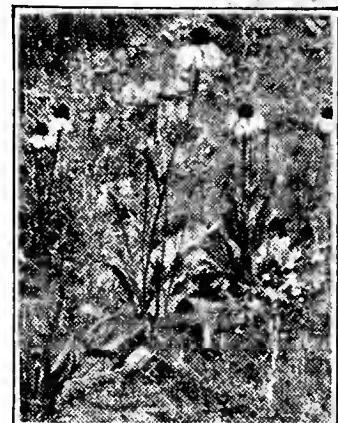
Delphinium



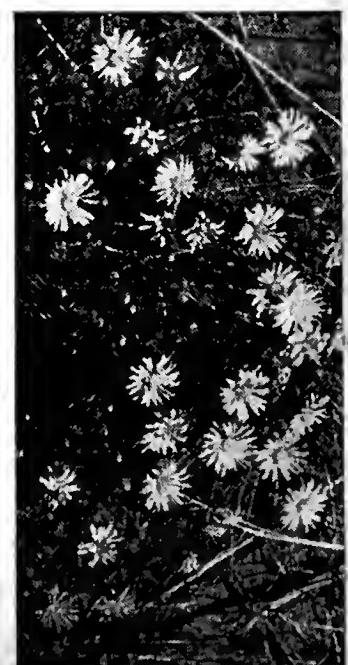
Shasta Daisy



Gaillardia



Purple Coneflower



Gutierrezia

**LILY OF THE VALLEY.** Needs no description. One of our best perennials for deep shade. June bloomer, 6 to 12 in. tall. Clumps, each, 30c; doz., \$3.00; Postpaid, each, 35c; doz., \$3.50.

**LINARIA—Butter and Eggs, Toad Flax.** Like a perennial snapdragon in yellow and white.

**MALLOW, RED.** The native malvastrum sometimes called wild geranium, a wonderful plant for the rock garden. Flame colored flowers.

**MALLOW, Poppy.** Low growing plant with myriads of large purple, poppy-like blooms.

**LILY, Day (Hemerocallis).** Recently become very popular. Seems to be hardy with us. 2 to 2 1/2 ft. high, blooms in July. The orange type.

**LILY, Elegans.** Earlier and shorter than tiger lily with flowers opening upward. Color a handsome red. Blooms in July.

**LILY, Tiger.** We can furnish this old favorite in either single or double strains. Orange flowers with black spotting; 18 to 30 in. tall.

**LAVATERA, Siberian Perennial.** 3 to 5 ft. tall. A very hardy and handsome plant profusely covered in July and for a number of weeks with delicate pink flowers.

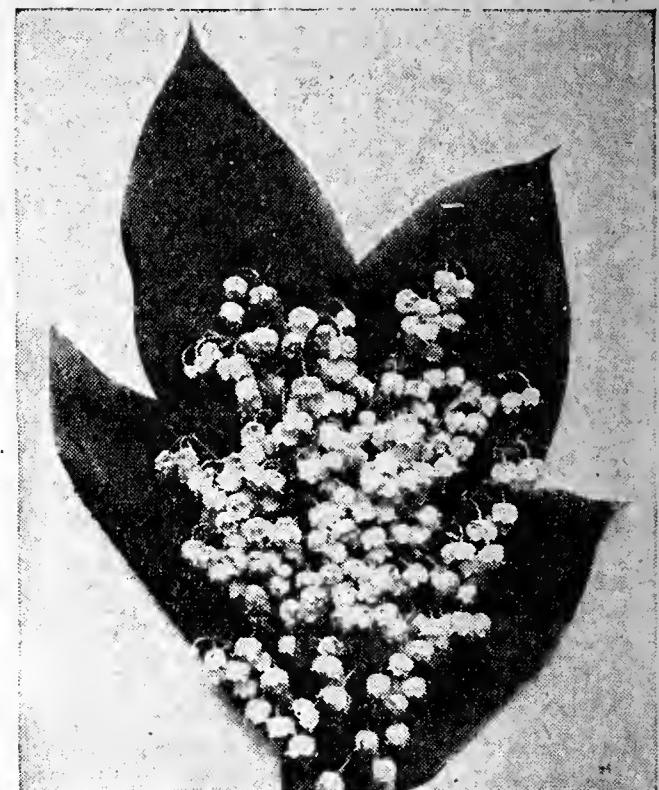
**LILY, Davmottiae.** One of the new Canadian hybrids, 2 to 3 ft., many blossoms of a delicate salmon color. Each, 50c; 5 for \$2.25; Postpaid, each, 55c; 5 for \$2.50.

**LILY, Coral (Tenuifolium).** The brilliant and hardy little Siberian lily. Height 15 to 24 in.

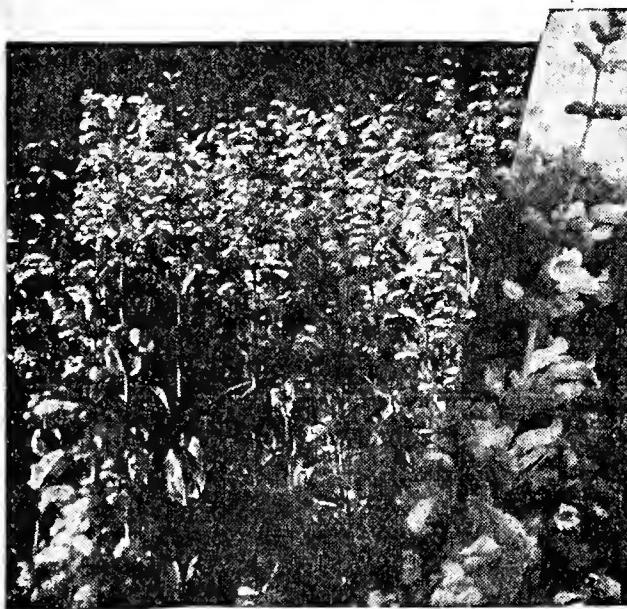
**MEADOW RUE (Thalictrum).** The tall variety 4 to 6 ft. Leaves like Columbine, fine feathery flower plumes in midsummer.

**MONARDA (Fistulosa).** First cousin to the Cambridge Scarlet, a native here. Height 18 to 30 inches, flower heads vary from pinkish lavender to blue.

**PASQUE FLOWER (Pulsatilla patens).** One of the most famous flowers of the plains. Blooms in the snow in early April or late March. Called Prairie Crocus sometimes.



Lily of the Valley.



Pentstemons Grandiflora.

**PENTSTEMONS.** These outstandingly lovely western perennials are found at their best on the Great Plains and in the mountains. We are offering this year six different kinds, all native to our state and all very striking and handsome.

**Grandiflora.** 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across.

**Glaber.** 1 to 2 ft. high. Smooth, rather bright green leaves, flowers bright blue, an inch across.

**Angustifolia.** 12 to 18 in. high. Leaves narrow. Flowers set close together on a spike. Color bright blue varying to lavender.

**Cristata.** 6 to 12 inches high. Rough grayish foliage. Very handsome purple flower.

**Albidus.** 6 to 12 inches high. Smooth bright green leaves. Flowers white spotted with black flecks, one-half inch across.

**Dwarf Blue.** This seems to be a natural hybrid as it fits none of the regular descriptions. 6 to 12 in. high, glossy leaves, the bluest flower of all and the most lovely.

One each of these 6 Pentstemons for 90c here or \$1.00 postpaid.

**PHLOX. Mixed Colors.** Hardy varieties which can be furnished in separate colors at 5c each over the regular price.

**Extra Hardy Pyramid White.** A new Canadian variety which is very much harder and more cold resistant than the common sorts. Each 35c; 5 for \$1.50; Postpaid, each 40c; 5 for \$1.75.

**Extra Hardy Ada Blackjack.** A lavender purple flower on a very vigorous and exceptionally hardy plant. Another Canadian sort,

originated in Manitoba. Prices same as for Pyramid.

**PRAIRIE PHLOX (Woodsi).** This little, fragrant, early bloomer is one of the beauties of the prairie spring and improves under cultivation.

**PLATYCODON.** Blue and White. Also called Chinese Bellflower. Height 18 to 30 in. Distinctive bells on a central stalk. Specify color desired.

**POTENTILLA.** Shrubby Cinquefoil. We are offering the native yellow flowered variety which is very good, also an Asiatic white flowered sort—dahurica—which we got from the well known Skinner Nursery in Manitoba. Price, 40c each; \$4.00 doz.; Postpaid, 45c each; \$4.50 doz.

**POPPY, Iceland.** Height 10 to 15 in., mixed colors—orange, yellow and white.

**POPPY, Prickly.** A native of the Great Plains. 18 to 24 in. high, bushy and in July covered with graceful white petalled, yellow centered flowers 3 in. across.

**PRIMROSE, MISSOURI.** Another Great Plains native. 6 to 10 in. high. Bright yellow flowers 3 in. in diameter. Long blooming.

**PRIMROSE, GUMBO LILY.** The lovely white and pink evening primrose of the Bad Lands and buttes of the west. Very heavy bloomer under cultivation.

**PRAIRIE CLOVER.** A flower of the midsummer prairies, 8 to 15 in. high, flower is a cylinder of purple at the end of a stalk, very profuse.

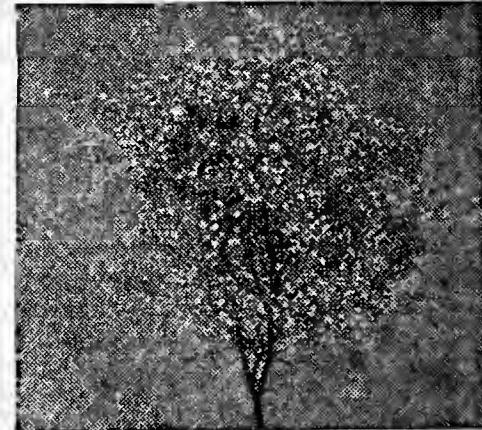
**RIBBON GRASS.** The well known green and white striped ornamental grass.

**SEDUM—Stoloniferum or kamschaticum.** The former with pink flowers, the latter with yellow. Wonderful as ground cover and in rock gardens.

**SIDERANTHUS.** 6 to 10 in. high. Finely curled foliage, yellow aster-like flower. Suited to dry rock gardens.

**SPIDERWORT (Virginiana).** 8 to 15 in. tall. Grass-like foliage with clusters of brilliant blue flowers in July.

**STATICE.** Very popular for cutting and used like Baby's Breath in bouquets, handsome too in the border. Lavender flowers. 18 to 30 in. tall.



Statice.



Yucca.

**SUNFLOWER, Maximilian's.** A native, 5 to 7 ft. tall. Double lemon yellow flowers thickly studded on a long spike. Resembles golden glow.

**SWEET WILLIAM.** This old-fashioned flower of the pink family is too well known to describe.

**SWEET PEA, Sib. Perennial.** A low growing Siberian pea vine literally covered with purple flowers over a long period.

**TANSY, Plover Head.** 2 to 3 ft. high. Extremely hardy, fern like foliage, large clusters of yellow flowers.

**VIOLET, Native White.** The branching, heavy flowering white woods violet with purple shaded under side. Adapted to heavy or light shade.

**VIOLET, Native Blue.** The blue meadow violet with blossoms coming from the crown, large and fragrant. Very lovely.

**WESTERN WALLFLOWER—Yellow Phlox, Prairie Rocket (Erysimum).** Early blooming plant, 6 to 12 in. tall, color a bright yellow, flowers thick on a long spike.

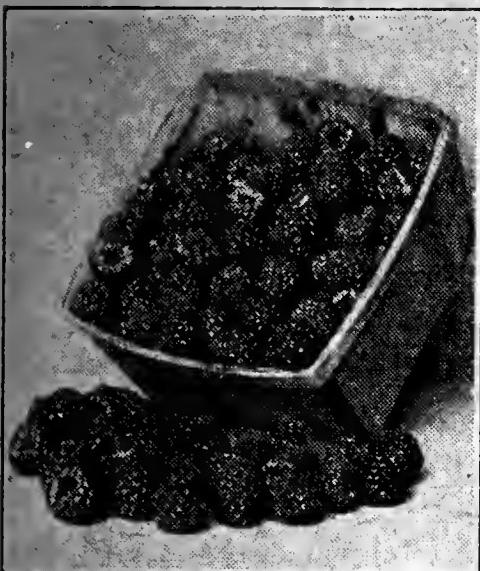
**YARROW, ROSEA.** Crimson Yarrow. Hardy, a beautiful color, height 12 to 24 in.

**YUCCA (Glauca)—SPANISH BAYONET.** A northern representative of the desert vegetation of the Southwest. Bears a tall spike of bell-like flowers.

## HARDY RASPBERRIES

**CHIEF.** This is the latest production from the Minn. Fruit Breeding Farm, and the hardiest. If it receives sufficient moisture it should winter and bear well almost anywhere. Wonderful quality but not as good a commercial berry as the Latham, although a heavier yielder. Ideal for the home garden. **Price, doz., 50c; 100, \$3.00. Postpaid, doz., 60c.**

**LATHAM.** The best known production from the Minn. Station and the standard market variety over the country today. Not quite as hardy as Chief but a better commercial berry, large, red, of high quality and uniform in ripening. Should be planted in a sheltered location on good soil where it will receive plenty of moisture. **Price, doz., 40c; 100, \$2.50. Postpaid, doz., 50c.**



Chief Raspberry



Latham Raspberry

## GOOSEBERRIES

**HOUGHTON.** An enormously productive, old variety. Fruit is smooth, pale red, tender and well flavored. Of vigorous growth, slender and spreading. Not subject to mildew. Strong 2-year plants. **Doz., \$1.50. Postpaid, doz., \$1.70.**



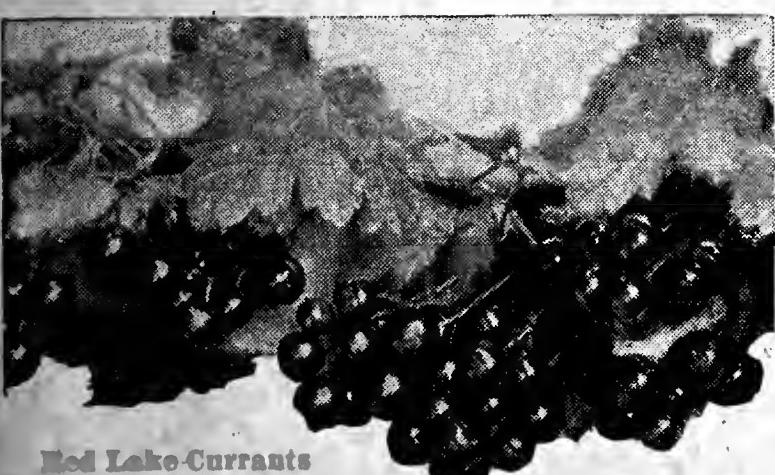
Houghton

**PIXWELL.** This is one of the wonderful new gooseberries produced by North Dakota's famous plant breeder, Professor A. F. Yeager at the State Experiment Station. We feel that it is a very fortunate event for us to be able to offer this remarkable new fruit. It is entirely hardy here with us, is of remarkable vigor and quick growth. The berries are very large, borne in huge quantities, and, of particular value, they are borne on long stems which, in combination with the fact that they are not very thorny, makes them very easy to pick—hence their name. **Price, each, 50c; doz., \$5.00. Postpaid, each, 55c; doz., \$5.50.**



Pixwell

**NATIVE WILD GOOSEBERRY.** The wild gooseberry is of value both as a fruit and ornamental. It produces a very considerable quantity of excellent fruit which is only a little smaller than the tame sorts. It is a handsome ornamental, being the very first thing to leaf out in the Spring when the vivid green of its new leaves gives the first seasonal touch to the shrubbery clumps; and among the last to go in the Fall, at which time it becomes a reddish bronze. **Each, 25c; doz., \$2.60. Postpaid, each, 30c; doz., \$2.25.**



Red Lake Currants

## CURRANTS

**RED LAKE.** This is a recent development from the Minn. Fruit Breeding Farm, and is one of their outstanding productions. It is a red currant, harder and better in general quality than anything previously offered in the Northwest. **Price, each, 30c; doz., \$3.00. Postpaid, each, 35c; doz., \$3.50.**

**WHITE GRAPE.** This is the sweetest of the tame currants. It is a clear translucent white in color, bunches are large as is the fruit. A steady annual bearer and altogether a most satisfactory variety. **Each, 15c; doz., \$1.75. Postpaid, each, 20c; doz., \$2.00.**

**TIVE BLACK (*Ribes Floridum*).** We have a limited supply of transplanted stock, nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. **Each, stocky, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.50.**

### HAZELNUTS

This is the only nut bearing plant native to North Dakota and hardy all over the state. Since our bushes are grown from nuts gathered from wild northern bushes they are likely to be a mixture of both the common species, rostrata and americana. The hazelnut grows from four to six feet, a dense bush, and the nuts hang on in clusters and may be picked fairly green. Nuts are edible and of good flavor, related to the filbert. **Each, 2 to 3 ft., 25c; 10, \$2.25. Postpaid, each, 30c; 10, \$2.50.**

### HORSERADISH

**Bohemian.** A particularly large and smooth variety which has replaced all other sorts. **Postpaid, doz., 35c. F. O. B. Bismarck, doz., 30c.**

### ASPARAGUS

**ASPARAGUS.** Fine roots of the best kind, see page 14.

### RHUBARB

**RHUBARB.** Fine roots of the new McDonald as well as of the old standard sorts. See page 31.

# Strawberries

We are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we can not usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

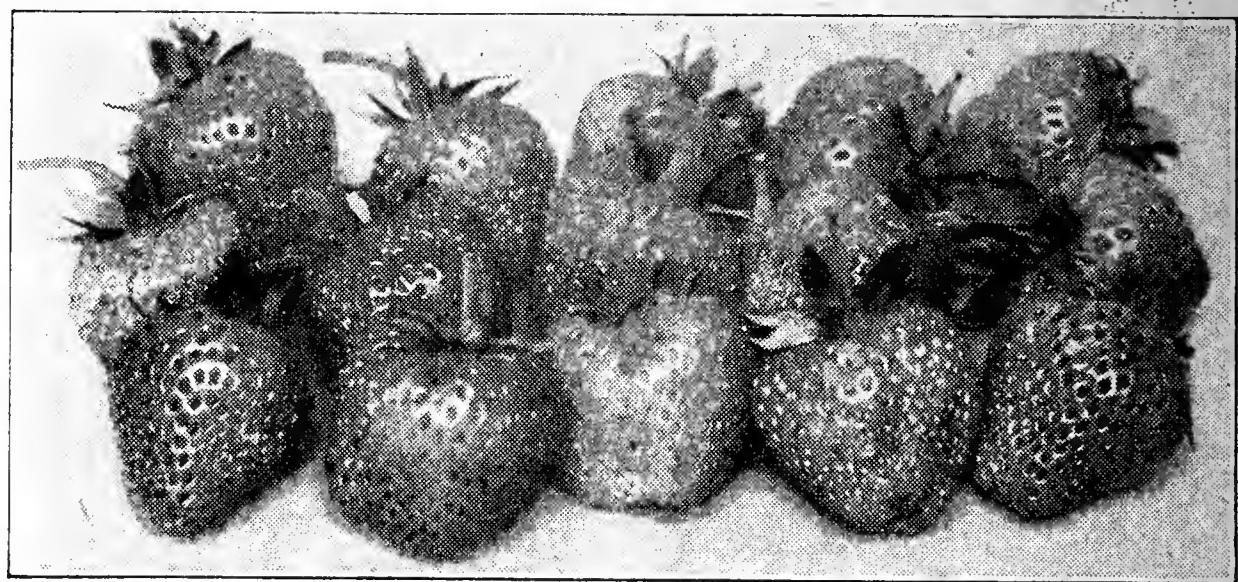
## PRICES:

### PROGRESSIVE

25 .....	\$ 0.60
50 .....	1.00
100 .....	1.80
1000 .....	16.00

### SENATOR DUNLAP

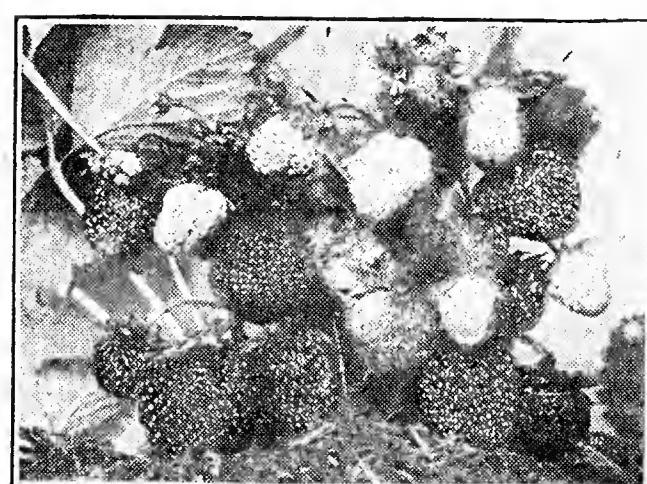
25 .....	\$0.35
50 .....	.60
100 .....	1.00
1000 .....	8.00



Progressive

**PROGRESSIVE EVERBEARING. (Perfect flowering.)** After many years of testing the **Progressive** still holds first place as the best standard everbearing strawberry for the Northwest. We have decided to sell only the **Progressive** as a standard sort. It is very productive, very hardy and gives the best satisfaction of any of the many sorts we have tried. Keep blossoms picked off during the spring in which plants are first set out if you wish a good fall crop.

**SEN. DUNLAP, June Bearing (Perfect Flowering).** This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper and the very best sort for canning.

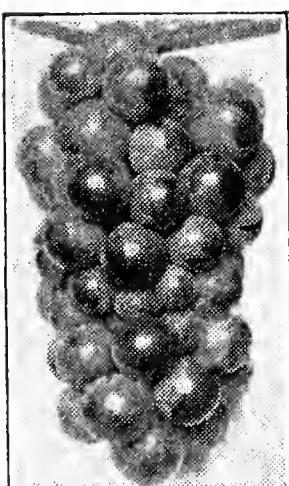


Senator Dunlap

# Hardy Grape Vines

**BETA GRAPE.** It has been tested over the whole Northwest and is giving satisfaction wherever grown. In exposed locations and under dry conditions it is not advisable to plant it, but with plenty of moisture, in good soil and with some shelter it does remarkably well. When the location is doubtful we advise Winter covering. The berries are blue black, of medium size, with a pleasant aromatic flavor; they ripen about the last of August. **Strong plants, each, 25c; doz., \$2.50. Postpaid, each, 30c; doz., \$3.00.**

**ALPHA.** This is the new hardy grape which is proving equal even to the Beta. In some North Dakota experiments it is harder than Beta, and the quality is perhaps somewhat better. It appears to be a cross between the wild and Concord grapes. It resembles the latter except that it is a trifle smaller, but it is the largest of the extra hardy grapes. **Each, 25c; doz., \$2.50. Postpaid, each, 30c; doz., \$3.00.**



Alpha Grapes

**NATIVE WILD GRAPE, *Vitis riparia*.** To insure fruiting several should be planted. This is one of the most satisfactory wild fruits for cultivation. A small arbor planted with about a dozen vines will produce several bushels of grapes. The fruit is unsurpassed for jelly, jams and grape juice, and the plant is one of the easiest to grow. **3-year plants, each, 30c; 10, \$2.75. Add 5c per plant or 20c for ten if postpaid.**



Beta Grapes

All the seed I bought from you last year were very good. Our corn was extraordinary. We raised some very fine Dakota White Flint Seed and our Great Northern Beans were fine, not one drop rain fell after they were planted. We had a fine harvest of both. I wanted to tell you your foreword in your catalog was really an inspiration.

J. L. BROWNING, Allegeny, Oregon.

I was talking to one of my neighbors who had some of your poison and it was the only poison that did get the gophers.

June 13, 1935

JOSEPH ALJOE, Tower City, N. Dak.

# HARDY APPLE TREES

**Apples and Crabs** are 3 to 4 ft., young and bushy stock. Smaller sizes used for mailing.

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.

**BEACON.** This was formerly known as Minn. No. 423 and is a product of the Minnesota Fruit Breeding Station. It is a fall apple of longer season and better than the Duchess. A beautiful dark red in color. Price, each, 80c; 5 for \$3.75.

**ANOKA.** The test of years is proving the Anoka to be the most important Apple introduction for the Great Plains that has yet come from the laboratory of Prof. N. E. Hansen. It bears often the second year from planting, carries large crops every year, is a sturdy, handsome and exceedingly hardy tree. Fruit is of fine flavor, early, resembling the Duchess in many ways. The very best for the home place under plains conditions. Each, 70c; 5 for \$3.25.

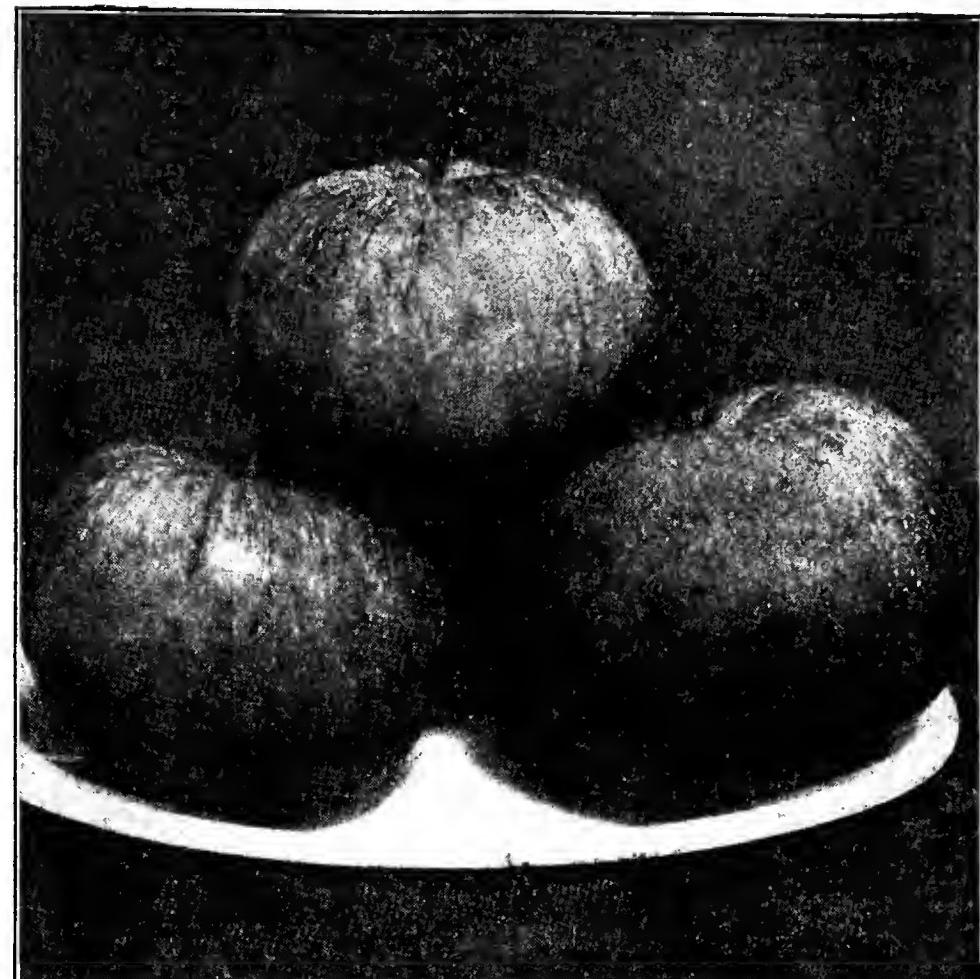
**HARALSON.** A Real Winter Apple. This new sort is another one of the triumphs of the Minnesota Fruit Breeding Station. A strong, upright tree, resistant to fire blight,

bears early and yet the fruit keeps until long into the Spring in perfect condition. Bears a good crop of large, handsome red Apples. Each 70c; 5 for \$3.25.

**WEALTHY.** October to January. This variety is beyond doubt the most popular sort throughout the Northwest. A hardy, upright grower and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid, white tinged with red. A fine eating Apple and one that keeps well in storage. Each 70c; 5 for \$3.25.

**DUCHESS.** August to September. A standard early commercial variety and the best known of all the Russian Apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. Each 70c; 5 for \$3.25.

**RED WING.** One of the Minnesota varieties on specially hardy root stocks. A very hardy and blight-free sort, has lived some twelve years and borne in Manitoba. Of sturdy habit and handsome appearance. Fruit is medium to large in size, of wonderful keeping qualities, so that it fills the long-felt want in the Northwest of an entirely hardy Winter Apple of good quality. Fruit hangs to tree well, is beautiful in appearance, with firm, fine grained, juicy flesh. Each 70c; 5 for \$3.25.



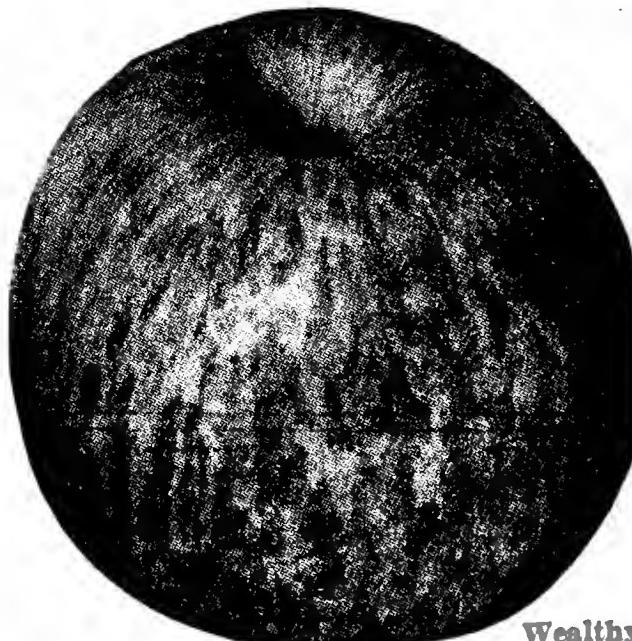
Beacon



Young Apples at Our Nursery

commercial variety and the best known of all the Russian Apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. Each 70c; 5 for \$3.25.

**DUCHESS.** August to September. A standard early commercial variety and the best known of all the Russian Apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. Each 70c; 5 for \$3.25.



Wealthy



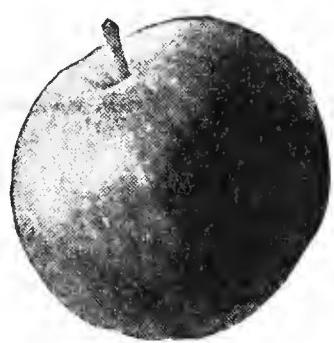
Patten No. 5



Duchess

## NEW HARDY PEAR

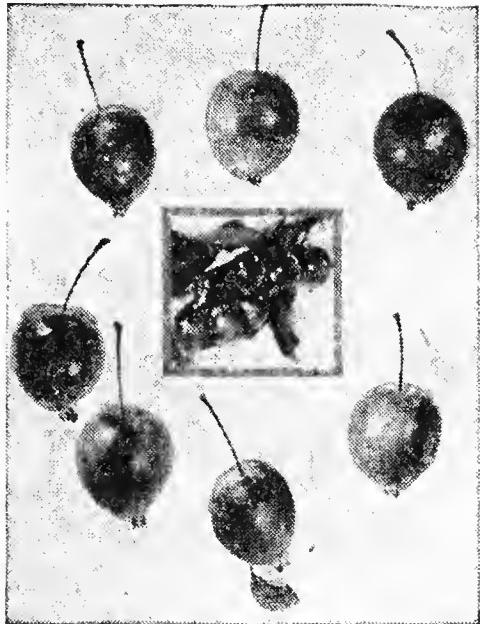
**PATTEN NO. 5.** The hardest pear under the trying conditions of last winter. Much harder than Mendel and wintered at several Canadian stations. About medium to small in size but of very good quality. A heavy bearer. Price each, 90c; 5 for \$4.00.



## Hardy and Prolific Crab Apples

The hardy crabs are without doubt one of the very surest fruit crops for the Northwest; particularly if they are allowed to grow in bush form.

**3 TO 4 FT. TREES QUOTED.**



Flame

**FLAME CRAB.** Another production of the Minnesota Station. Similar to the Dolgo in hardiness and quality and even more ornamental in appearance. Price each, 75c; 5 for \$3.50.

**DOLGO CRAB.** September. Another valuable product of Prof. Hansen's work. A strikingly beautiful tree, sturdy, upright, with handsome foliage. Bears heavily and the fruit of medium size is of excellent flavor, and of a wonderfully handsome brilliant red color. Both as an ornamental and for the large quantity and fine quality of fruit the DOLGO ranks high, and in addition it possesses ironclad qualities of hardiness. Each, 65c; 5 for \$3.00.

**WHITNEY CRAB.** August to September. A hardy, thrifty, upright grower. Excellent flavor even to eat out of the hand. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for pies.



Dolgo

Each, 65c; 5 for \$3.00.

**SIBERIAN CRAB.** September. This is one of the very hardest of the crab family, being a cultivated selection from the wild crab of Siberia. The fruit is small, tart, and juicy, ripens in mid-August and yields very heavily. The tree is of handsome shape and reaches considerable size, one of ours being 30 feet tall with a trunk a foot or more in diameter. Each, 65c; 5 for \$3.00.

**FLORENCE.** September. This is a crab of very high quality, and extremely handsome fruit. An origination from Minnesota it is extremely hardy and has given excellent satisfaction in many parts of the Northwest. Price, each, 65c; 5 for \$3.00.



Whitney

Sept. 8, 1936.

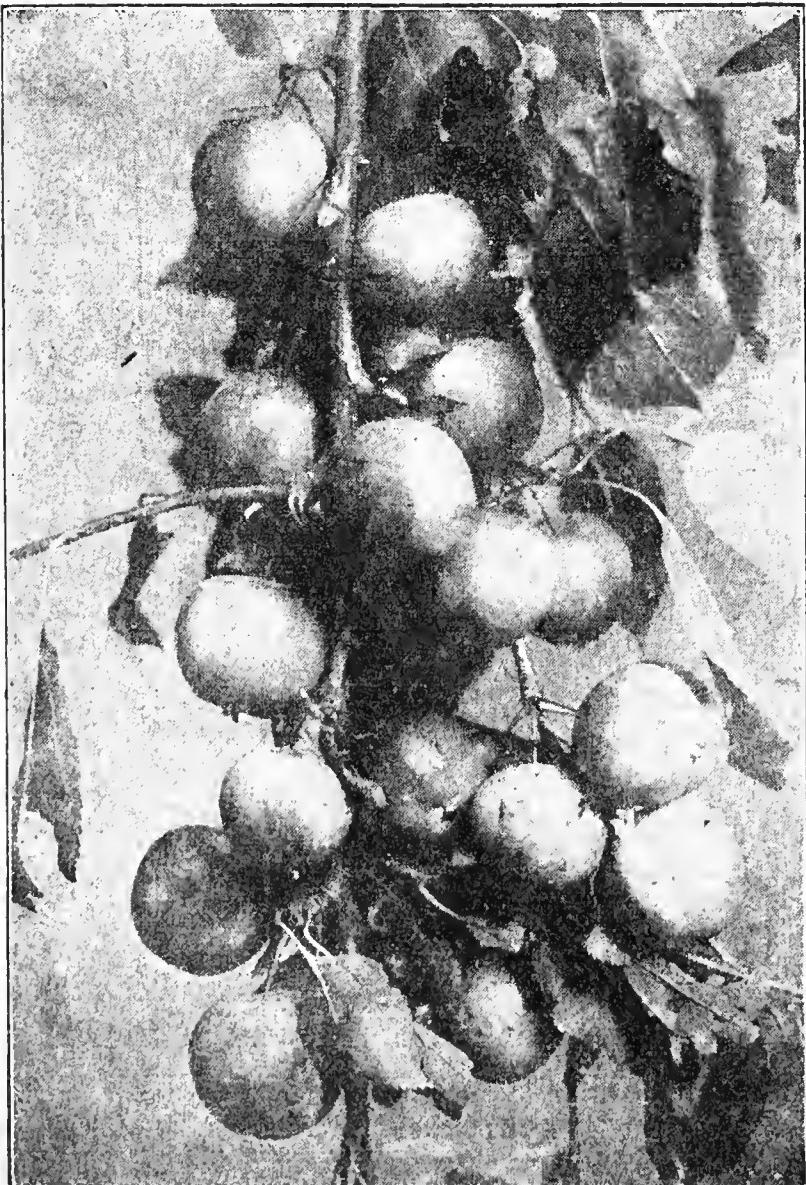
Well, I've got several hundred bushels of corn for sale—thanks to your little book "Corn," and I kept my wheat ground clean at a profit.

CHARLES FLEMING, Irwin, Idaho.

April 20, 1936.

Please send me the price of your Gehu Corn a bushel. It makes such good fodder for cattle and matures so early.

FLORA McGRiffin,  
624 Indiana Ave., Glassport, Pa.



Florence

# RRIES and CHERRY HYBRIDS

## The Best Suited of All Fruits to the Northwest



**COMPASS.** Perhaps the best known of the hybrids between sandcherry and plums. Delicious both for sauce and jelly. Ripens in August or a bit earlier. Fruit pleasant to eat from the hand, a bright red in color and about the size of a sweet cherry. Hardy throughout the Canadian and American Northwest. **3 to 4 ft., each, 60c; 5 for \$2.75.**

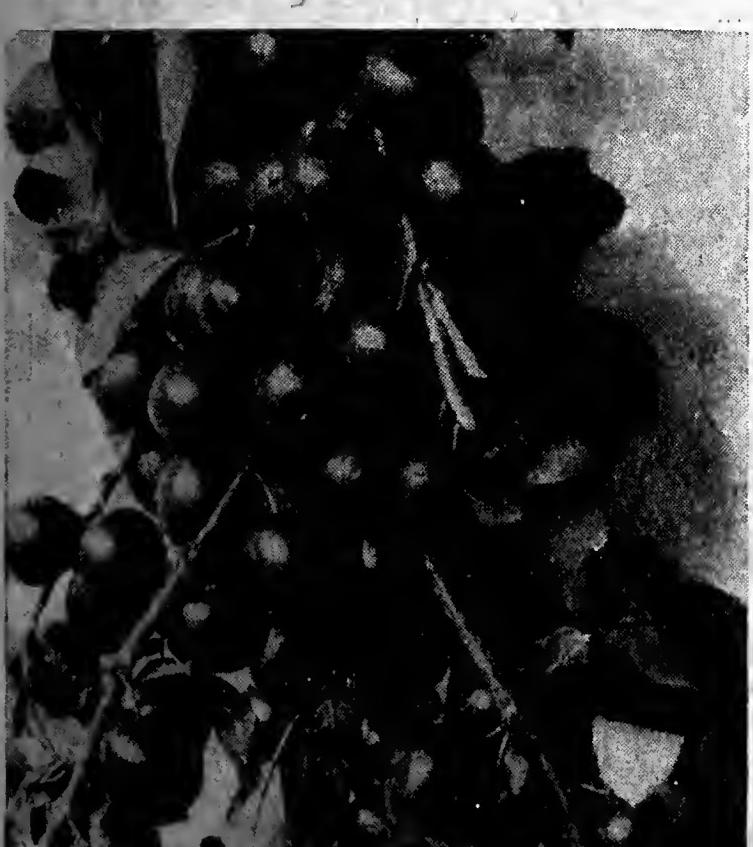
**OKA.** A Hansen fruit. A wonderful cherry under some conditions but seems to vary in different soils; and we advise experiment before planting too heavily. At its best it is a wonderful fruit, delicious to eat, hangs on the tree and cures there, large size, dark red flesh and skin; and a good yielder. **3 to 4 ft., each, 65c; 5 for \$3.00.**

**THUMB.** A Hansen fruit. A cherry growing on a bush. A true sandcherry in habit, fruit very pleasant to eat, having a dark red flesh and nearly black skin. Bears early and heavily. Plant closely as gooseberries. Very hardy. **Each, 2 to 3 ft., 65c; 5 at \$3.00.**



Western Chokecherry

is a larger and sweeter cherry than the eastern variety and is exceedingly satisfactory for jelly and sauce, being perhaps the most delicious for that purpose of any of our western fruit. Also valuable in shelter belt and wind-break planting and a handsome ornament. Transplanted stock, **2 to 3 ft., each 25c; 5 for \$1.00.**



Tom Thumb

### PRUNUS TOMENTOSA or NANKING CHERRY (Chinese Bush Cherry).

Worthy as a beautiful ornamental and hedge plant, outstanding on account of its hardiness which has been well demonstrated both in North Dakota and Manitoba, valuable for its fruit, which is of an unusually pleasant flavor, a handsome red in color, and larger than the chokecherry. Blooms in early spring, grows to a compact large bush or small tree. Great Plains Station Selection. **3 to 4 ft., each 45c; 5 for \$2.00.**



Compass Cherry

CHERRY—A VARIETY MADE BY HANSEN



Sand Cherry

# Plums and Plum Hybrids

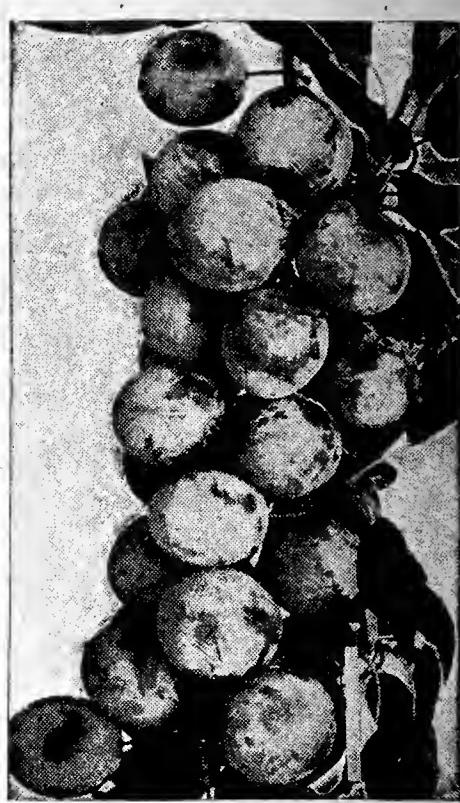
## Hardy, High Class Varieties for the Northwest

Plant Several Types Together or Plant with Cherries to Insure Pollination. 3 to 4 Ft. Trees



Opata

**OPATA.** A plum-sandcherry cross, should be headed low and the old wood trimmed out as it bears on young wood. An origination of Professor Hansen and one of his most popular ones. A cross between Sandcherry and Gold Plum. Fruit dark red with a blue bloom, early, flesh green with a delicious flavor. Ready in mid-August. Price, each, 60c.



Waneta

**WANETA.** This is the largest of Professor Hansen's hybrid plums, being a cross similar to the Underwood. It has proven perfectly hardy at the U. S. Station at Mandan, is a heavy bearer and produces the largest fruit of any hardy plum. Fruit is of good quality, ripens in midseason and is of excellent flavor. Fine healthy trees, each, 60c.

**UNDERWOOD.** This is one of the hardest of the new Minnesota Fruit Breeding Station varieties and has proven perfectly

hardy with us. These varieties in flavor are the equal of any of the Japanese plums, are larger than any of the American type, and are thrifty and strong varieties which bear annually. The Underwood is an excellent keeper and the earliest plum in the list. Fruit is large, dark red, and sweet. Ripens in mid-season. Each, 60c.



Underwood

**RED WING.** This is one of the largest fruited plums of the new introductions from the Minnesota State Fruit Breeding Station, which means that it is as large as the regular commercial plums. It has proven hardy over most of our state. Fruit is large, firm, yellow overlaid with red in color, flesh sweet and of good quality; free-stone. Midseason bearer. Each, 60c.

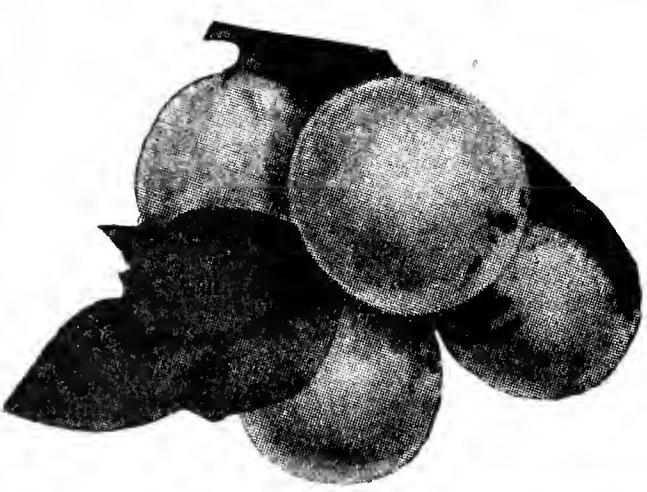
**RADISSON.** This exceptionally early and delicious plum from the Minnesota Fruit Breeding Station once again has shown itself to be one of the hardest and most satisfactory for the Northwest. The size is fairly large and the quality is unsurpassed. Fruit is a handsome red. Each, 60c.

**NATIVE WILD PLUM.** Ironclad as to hardness, useful in windbreak and shelter belt planting, and very valuable for its certain crop of fruit which makes delicious sauce, jam and jelly. Prices low, as they can be raised without budding or grafting. 3 to 4 feet. Each, 35c; 5 for \$1.50.

**KAGA.** This is one of the most delicious plums that we have tasted. A variety from Professor Hansen which carries considerable blood of the very sweet and fine flavored apricot plum. Not very large but the highest quality of all. Price, each, 70c; 5 for \$3.25.



Kaga



Red Wing

### Premax Floating Head Lawn Sprinkler

This is the easiest running revolving sprinkler that we have ever seen. After two years' trial of it we are ready to recommend it for the service it gives, its simplicity and the volume of water that it throws. Price, \$2.00; postpaid, \$2.20.

### Perfecto Window Box

Comes in green and old ivory. Built on scientific principles and to sell at a very reasonable price. Rust proof, light in weight, self-irrigating. Price F. O. B. Bismarck, 20 inch size, \$1.00; 26 inch, \$1.50; 32 inch, \$2.00.



# Insecticides for All Purposes

Prices Subject to Change. Ask for Prices on Large Lots. All Prices F. O. B. Bismarck Unless Otherwise Stated.  
All Insecticides Are Now Mailable

**UGEX.** A compound for dusting, non-poisonous and very effective for all kinds of insects, even red spider and blister beetle, if dusted on carefully. Use for aphids, cabbage worms, squash and cucumber pests, on potatoes, etc. Price, F. O. B. here, 1 lb., 25c; 5 lbs., \$1.00; postpaid, 1 lb. can, 32c.

**GUARD.** A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Prices, postpaid, 1 lb., 32c; 5 lbs., \$1.00. F. O. B. Bismarck, 1-lb. sifter carton, 25c; 5 lbs., 75c.

**SULPHUR.** One of the most dependable of all insecticides for dormant spraying and the destruction of fungous parasites on woody plants and shrubs. Prices, postpaid, 1 lb., 35c; 5 lbs. at 28c per lb.

**TING SULPHUR.** For mildew on roses and other fungus and similar diseases of plants there is nothing quite so satisfactory as sulphur dust. 1 lb. postpaid, 15c; 3-lb. package, postpaid, 35c; here, 25c.

**T OF ALL POTATO SPRAY.** This is one of the best and strongest insecticides for potato spraying and similar purposes. It increases in popularity over paris green yearly both due to its efficacy and its very low price in comparison. Prices, postpaid, 1/4 lb., 20c; 1 lb., 40c. F. O. B. here, 1/4 lb., 15c; 1 lb., 30c; 4 lbs., 48c. Write for prices on larger lots.

**PARIS GREEN.** The old reliable spray for potatoes. Prices, postpaid, 1 lb., 55c. F. O. B. here, 1 lb., 45c; 5 lbs., at 40c per lb. Larger lots quoted on request.

**ALL ROUND SPRAY.** The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular. Prices, postpaid, 1/4 lb., 50c; 1 lb., 90c. F. O. B. here, 1 lb., 80c.

**IDEAUX MIXTURE.** This is the only remedy against fungous diseases such as rusts, blights, mildew, etc., in shrubs, plants and trees. Prices, postpaid, 1 lb., 40c. F. O. B. here, 4-lb. bag, 65c.

**NATE OF LEAD.** Rapidly coming to the front as a spray for potatoes. Powder form. Postpaid, 1/2 lb., 25c; 1 lb., 40c. F. O. B. here, 1/2 lb., 18c; 1 lb., 30c; 4-lb. bag, 75c.

**EM.** For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Price, postpaid, 1 lb., 40c; 3 lbs., \$1.00. F. O. B. here, 3 lbs., 70c.

**DIUM FLUORIDE POWDER FOR BLISTER BEETLE.** An excellent destroyer of roaches, plant and stock lice, etc. F. O. B. here, 1 lb., 25c. Postpaid, 35c.

**DAWG-GONE.** Protect that evergreen—keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees at the points of approach. Not necessary to place tube in every tree unless standing alone. The odor slowly emanating from the open tube will keep dogs at a distance—winter or summer—replaces unsightly wire screens or mechanical contrivances. Tubes, 35c each or 3 for \$1.00, postpaid.

**CYANOGAS A-DUST.** A gas producing powder—kills all burrowing pests. F.O.B. here, 1/2 lb., 45c; 1 lb., 75c.

**CYANOGAS ANT KILLER.** 4-oz. spouted tin—enough to kill a million ants. F.O.B. here, 30c.

**CYANOGAS G-FUMIGANT.** For fumigating flour mills, grain, warehouses and greenhouses. F. O. B. here, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00.

**OR WHALE OIL SOAP.** A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smeared on trees will prevent the ascent of worms. A remedy against aphids. Postpaid, 1-lb. cake, 40c.

**RED ARROW (NON-POISONOUS).** This is a combined rotenone and pyrethrum spray, very effective and deadly to insects, but entirely harmless to animals and man. Also contains soap so that it need only be mixed with water and put in sprayer. One oz. makes from one to four gallons of spray depending on the strength desired. 1 oz., 40c, postpaid; 35c here; 4 oz., \$1.10, postpaid; \$1.00 here.

**NEW CERESAN.** For wheat, oats and barley smut treatment. F. O. B. Bismarck, 1 lb., 70c; 5 lbs., \$3.00.

**SEMESAN, JR.** For corn diseases. F. O. B. Bismarck, 4 oz., 35c; 1 lb., \$1.00.

**SEMESAN BEL.** For potato scab, etc. F. O. B. Bismarck, 4 oz., 45c; 1 lb., \$1.50.

**SEMESAN.** For seeds and bulbs. Price, F. O. B. Bismarck, 2 oz., 35c.

**BLACK LEAF 40.** The old reliable nicotine spray for aphids of all kinds on plants, trees and shrubs. Also excellent to rid poultry and poultry houses of lice. An increasing use to which it seems especially adapted is as a sheep dip. Price, postpaid, 1-oz. bottle (makes 6 gallons), 40c. F. O. B. here, 1-oz. bottle, 35c; 5-oz. bottle, \$1.00.

**CORONA COPPER CARB.** The most popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the Winter without any injury to it. Two ounces treats one bushel seed. Comes in 5-lb. cartons at 20c per lb. here.

**GOPHER POISON.** Carefully prepared with strychnine. Extra strength Poisoned Oats of best quality. 8 lb. sk., 90c; 16 lb. sk., \$1.75; 32 lb. sk., \$3.25.

**TOPZOL RAT AND MOUSE EXTERMINATOR.** Non-poisonous to most animals or people but deadly to rats and mice. Comes in bait form and need only be scattered. Cellophane package of baits, each, 15c here; postpaid, 20c.

**SELOCIDE.** For Red Spider. One of the most powerful remedies against that troublesome pest. One quart makes 100 to 200 quarts of spray. For roses, raspberries and all other plants susceptible to the insect. Price here, 1 qt. pkg., \$16.20.

**APHIS SPRAY.** Prepared especially to kill any of the large aphid family on trees, shrubs, flowers and vegetables. Price here, small package, 50c. Postpaid, 55c.

**NEW EVERGREEN NON-POISONOUS SPRAY.** A new pyrethrum spray, a great improvement on the regular Evergreen as it contains the necessary soap spreader and oil, a perfect combination and is 20% stronger. Kills ants, all forms of aphids and plant lice. One oz. makes 4 to 6 gallons. Price, postpaid, 1 oz., 40c; here, 35c; 6 oz. pkg., \$1.10, postpaid; \$1.00 here. Larger sizes quoted on request.

**CARCO.** This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75c. Postpaid, 90c.

**TOBACCO DUST.** An excellent remedy against all kinds of aphids or plant lice. Per lb., by express, 12c; 5 lbs., 50c. Postpaid, lb., 20c.

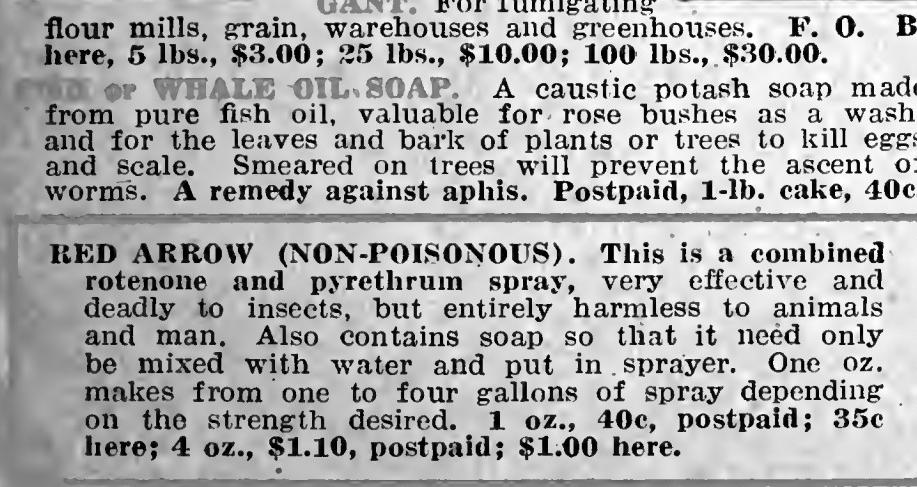
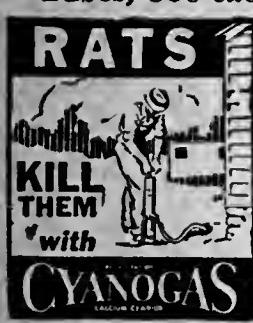
**CORONA TREE WOUND DRESSING.** For all cuts, breaks, bruises caused by accident or from pruning, or for injury by gnawing by rabbits or mice. Price, pt., 50c; qt., 75c. Postpaid, pt., 60c; qt., 90c.

**ATLACIDE WEED KILLER.** Kills poison ivy and all other weeds including dandelions. May be dissolved and sprayed on or dusted on. 2 lbs. treats 100 to 450 square yards. Non-poisonous. 1 lb., postpaid, 57c; 5 lbs., \$1.75; F. O. B. here, 1 lb., 50c; 5 lbs., \$1.50.

**CARBOLA.** The Disinfecting White Paint and Dusting Powder for Insects. A white paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces. 5-lb. pkg., 75c; 10 lbs., \$1.25; 50 lbs., \$5.00. This is mailable at regular postage rates.

**MOUSE SEED.** No bait! No traps! Just pour out the clean seed in a tray or saucer and the mice will come for it. After eating they make for outdoors. Price, postpaid, 25c.

**TREE TANGLEFOOT.** To keep insects and worms from ascending trees the trunk is painted with this preparation. Price here, 6 oz. pkg., 15c; 1 lb. pkg., 25c.



DAKOTA CUSTOMERS MUST ADD 2% SALES TAX ON INSECTICIDES

# Will's Pioneer Brand Better Feeds

**PLEASE NOTE:** Will's Pioneer Brand Poultry and Stock Feeds are the result of scientific research. The soundness of the rations has been confirmed by thousands of feeding tests on large and small herds and flocks over the entire United States over a period of years. Will's Pioneer Brand Feeds embody superior proteins and an abundance of NATURAL, organic Food Minerals, such as Iodine, Phosphorus, Calcium, Potassium, Sodium, Magnesium, Sulphur, Chlorine, Manganese, Iron and needed traces of many other mineral elements used in the building of healthy and normal animal tissue.

SEND FOR OUR FEED LISTS—ISSUED AS PRICES CHANGE

All Prices F. O. B. Bismarck Unless Otherwise Noted

All Pioneer Brand Poultry and Turkey Mashes contain fortified Codliver Oil.



Mermash Produced Birds are Thrifty and Strong

**PIONEER MERMAsh.** This is a Life Cycle—Year 'Round Mash, also known as All Purpose Mash. This feed is well balanced and will give excellent results as a

#### CHICK STARTER

#### GROWING MASH for chicks and Turkeys LAYING MASH

This feed analyzes about 17% Protein. 10 lbs., 40c; 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$3.25.

**PIONEER SUPER MERMAsh.** A Superior Starting and Broiler Ration; also to be used as a Laying Mash for breeding stock. This feed analyzes about 18 to 19% Protein. 10 lbs., 45c; 25 lbs., \$1.05; 50 lbs., \$1.85; 100 lbs., \$3.50.

**PIONEER TURKEY MANA.** The Turkey Starting Mash supreme. Analyzes about 24% Protein. This ration will produce birds with exceptionally fine frame and feather development, and unsurpassed in quality of meat, both as to texture and flavor. As soon as birds are on range, use Pioneer Brand Mermash as a growing mash. You will like Pioneer Turkey Mana. 10 lbs., 45c; 25 lbs., \$1.10; 50 lbs., \$1.95; 100 lbs., \$3.75.

**PIONEER DAIRY MANA.** Feed Dairy Mana on your own farm and prove to yourself, as thousands of others have done, that there is a great difference in the well being and productiveness of your livestock when ALL NEEDED elements are part of the ration. Stops most breeding disorders, such as retained afterbirth. Increases milk flow and makes better calves. 100 lbs., \$2.50.

**PIONEER CALF MANA.** Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25-lb. sack, \$1.50; 100 lbs., \$5.00.

**PIONEER PIG MANA.** An excellent feed for Brood sows and growing pigs. 100 lbs., \$2.50.

**MANAMAR.** A 41.5% Protein concentrate with Kelp, Fish Meal, etc., containing all minerals in organic form. We use it in our poultry mashes. A good ingredient in feed for milk cows, brood sows, and in fact any live stock and poultry. A great food and conditioner. The Kelp contains organic IODINE in just the right proportion for correction of Iodine deficiency in feed grown on prairies. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., \$1.45; 50 lbs., \$2.80; 100 lbs., \$5.50.

**PIONEER BRAND FOWL FATTENER.** This is a fattening mash so compounded as to stimulate the putting on of flesh when fattening for market. Please remember that all our feed is compounded from experiment station formulas. 25 lbs., 85c; 50 lbs., \$1.45; 100 lbs., \$2.75.

**PIONEER GRANULATED CHICK GRAIN.** For those who prefer a balanced grain feed for baby chicks. A carefully ground, sifted and balanced grain feed. 10 lbs., 35c; 25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.25.

**PIONEER HEN SCRATCH.** A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 10 lbs., 35c; 25 lbs., 85c; 50 lbs., \$1.45; 100 lbs., \$2.75.

**PEARL LIMESTONE GRIT or SHELLMAKER.** The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. **F. O. B. Bismarck:** 25 lbs., 50c; 100 lbs., \$1.20.

**PILOT BRAND CRUSHED OYSTER SHELLS.** We have a good supply this year. **F. O. B. Bismarck:** 10 lbs., 20c; 100 lbs., \$1.10.

**MICA CRYSTAL GRITS.** By express or freight, 100 lbs., \$2.00.

**CHARCOAL.** To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 60c; 50-lb. sack, \$1.50.

**WESTERN BONE MEAL.** An aerated product of exceptionally concentrated quality making a perfect mineral food for all live stock. Primarily a phosphorus source. **F. O. B. Bismarck:** 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

**MEAT AND BONE SCRAPS.** These are of first quality, cooked and without offensive odor. 25 lbs., \$1.00; 100 lbs., \$3.50.

**POWDERED SKIM MILK AND BUTTERMILK.** Useful in all kinds of feed mixtures. Highest quality of both. Price, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.10; 100 lbs., \$8.00.

**MINERAL MIX.** **F. O. B. Bismarck:** 25 lbs., \$1.00; 100 lbs., \$3.00.

**ROLLED OATS.** For poultry and stock food and of use in compounding mixtures. 90-lb. sack, \$4.00.

**ALFALFA MEAL.** By express or freight, 10 lbs., 45c; 25 lbs., 95c; 100 lbs., \$3.00.

**LINSEED OIL MEAL.** 10 lbs., 40c; 100 lbs., \$3.00.

**COTTONSEED MEAL.** 10 lbs., 40c; 100 lbs., \$2.50.

**COTTONSEED CAKE.** 10 lbs., 40c; 100 lbs., \$2.50.

**NOPCO COD LIVER OIL.** This is one of the finest and purest brands and compares very favorably in price with any other brand. We offer it in quart and gallon sizes. **Price, F. O. B. Bismarck, 1 qt., 50c; gal., \$1.75. Postpaid, 1 qt., 75c.**

**SUNFLOWER, HEMP AND CANARY.** For poultry, parrots and song birds. **F. O. B. Bismarck, lb., 15c; 10 lbs., \$1.25.**

**Iodized Block Salt.** Supplies Iodine deficiency in range stock. **50 lb. block, 86c.**

**Sulphurized Block Salt.** Supplies bloom to sheep and helps to control worms. **50 lb. block, 66c.**

**CHANGE in Feed Prices.** If you will ask us to, we shall put your name on our regular feed mailing list. You will be under no obligation but will receive the changes in the feed market as they occur. Just drop us a line saying you want to receive the feed price changes.

# Fertilizers for All Purposes

In this new country of rich soil the fertilizer question has been little considered, but as gardening, flower growing and vegetable raising increase, needs for special fertilizers are developing. Barnyard manure is excellent but requires time to release the plant food.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxuriant growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of nitrate of soda and ammonia sulphate, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

Superphosphate has given very good results in North Dakota in speeding up the maturity and improving the yield and quality of corn. In the heavier types of soil it has proven of especial value.



**VERIFIED SHEEP MANURE.** This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is a complete fertilizer and supplies every item which worn-out soil requires. Use from 5 to 10 lbs. per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 50c; 50 lbs., 70c; 100 lbs., \$1.00; 500 lbs., \$4.75; 1000 lbs., \$9.50; ton, \$18.00.

**SUPERPHOSPHATE.** Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Has given some startling results in experiments made in the Dakotas. Use one to two hundred pounds per acre. It may be broadcasted on. Price, 46% formula, 10 lbs., 50c; 50 lbs., \$2.20; 100 lbs., \$4.00. Write for quantity prices.

**NITRATE OF SODA.** The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. F. O. B. Bismarck, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 100 lbs., \$6.00.

**MURIATE OF POTASH.** Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. F. O. B. Bismarck, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

**AMMONIA SULPHATE.** **The Lawn Fertilizer.** Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the Spring at the rate of 3 lbs. per 1,000 square feet. Valuable also for trees and shrubbery. Price, 10-lb. bag, 75c; 100 lbs., \$5.75, F. O. B. Bismarck.

**BONE MEAL.** **(The great phosphorus supplier).** For fall application. Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees; hastens maturity so promotes earliness when applied in the Spring. Especially useful to stimulate bloom in peonies. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 100 lbs., \$4.00.



## VIGORO

A Complete Plant Food, for Lawns, Flowers, Vegetables.

Use 4 lbs. to 100 Sq. Ft.	
Prices F. O. B. Here	
1 lb. pkg....10c	25 lb. bag \$1.50
5 lb. pkg....45c	50 lb. bag 2.50
10 lb. pkg....85c	100 lb. bag 4.00
Postpaid, 1 lb. pkg. 18c.	

## INOCULATE



Alfalfa, Sweet Clover,  
Clover, Beans, Peas  
and Garden Legumes

Add 5c per pkg. for mailing

Prices, F. O. B. here, on Types A and B:  $\frac{1}{2}$  bu. size for  $\frac{1}{2}$  bu. of seed—35c; 1 bu. size, 55c;  $2\frac{1}{2}$  bu. size, \$1.20. Type A is for Alfalfa and Sweet Clover. Type B is for Medium Red, Mammoth, Alsike and White Dutch.

Prices, F. O. B. here, for Type S—Soy Beans: 1 bu., 35c; 2 bu., 55c; 5 bu., \$1.20.

Prices, F. O. B. here, for Type C—Field and Garden Peas, and Type D—Field and Garden Beans:  $\frac{1}{2}$  bu., 30c; bu., 45c; 5 bu., \$1.85.

**GARDEN SIZE NITRAGIN.** For 4 lbs. of seed. For Peas, Beans, Sweet Peas, Lima Beans, Lupines. Price, F. O. B. here or Postpaid, 10c.



# Seeders

## Hudson Seeder No. 205

Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 inches apart. The all brass seed regulator is absolutely accurate and gives perfect control of the seed flow. The adjustable furrow opening shoe permits planting at any depth up to two inches. **Price, complete, boxed, F. O. B. Bismarck, \$13.00.** **Shipping weight, 44 pounds.**

## Hudson Combination Seeder and Cultivator No. 201

We are again offering this new machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two- and one-wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment, which is very complete. **Price, boxed, handles furnished, F. O. B. Bismarck, \$16.50.**

**G-245—5 Prong Cultivator Attachment for all seeders and cultivators. F. O. B. Bismarck, \$1.00.**



# and Cultivators

## Hudson Combination No. 201

## Hudson Single Wheel Hoe No. 229

This single wheel cultivator is a practical tool for the small gardener. It can be used as a hoe, plow or cultivator, working between rows. **F. O. B. Bismarck, boxed, \$5.65.** **Shipping weight, 32 pounds.**

## Hudson Double Wheel Hoe No. 214

A handy single wheel machine with 4 teeth and right and left hoes. **F. O. B. Bismarck, boxed, \$7.60.** **Shipping weight, 32 pounds.**

## Hudson No. 102 Single Wheel Cultivator and Pulverizer

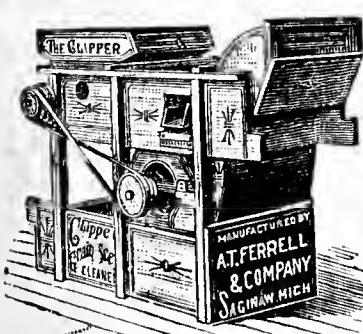
This is one of the handiest little machines for the garden that we have ever seen. Can be used in any rows between twelve and six inches apart; consists of a weed cutting blade in front followed by five stirring and pulverizing teeth. Easy running, strong and sturdy. **Shipping weight, 12 pounds.** **F. O. B. Bismarck, \$5.25.**

## Hudson No. 446 High Wheel

This is a first class cultivator of the easy running, high wheel type. **Price, complete, F. O. B. Bismarck, \$3.50.**

**Price, complete, F. O. B. Bismarck, \$1.00.**

# CLIPPER FANNING MILLS



The best mill for general purposes that we have ever used. We have it in 2 sizes, the smallest No. 1-B, the second No. 2-B. 12 assorted screens furnished with each machine. No. 1-B capacity 20 bu. per hr., screens 22½ in. long, 19 in. wide. **Price No. 1-B, \$37.00; No. 2-B, \$43.00, F. O. B. Bismarck.**

# HOILAND WILD OAT SEPARATOR

This is the only machine which will take wild oats out of all other grains including tame oats. It comes in two sizes, one handling ten to twenty bushels per hour, the other about twice as much. **Price, F. O. B. Bismarck or Fargo, small size, \$35.00; large, \$50.00.**

# LAWN AND GARDEN HOSE

*at Lowest Prices*

All Hose Quoted Is 5/8 In.

**OUR BEST HOSE**

This is the very best hose procurable at any price, and is almost indestructible by ordinary use. Lasts several times longer than ordinary hose. **Price, cut to any length, with couplings, 16c per foot, F. O. B. Bismarck.**

## NON-KINKING

Non-kinkable. This is the very best quality and lasts indefinitely. In 50-ft. length or cut to any length desired. **Per foot, 13c.**

## ECONOMY ALL RUBBER

A good inexpensive hose for light usage. In 50 foot length. **Price, per foot, 7c.**

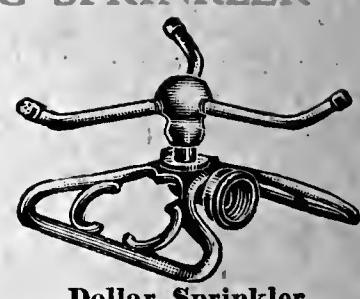
HOSE COUPLINGS. **Price, per set, postpaid, 20c.**  
HOSE MENDERS. **Price each, postpaid, 20c.**

# GRASS AND PRUNING SHEARS

**THE DOO-CLIP.** The new shears with the new and easy operating principle. Self tightening and very handy. **Price for either grass shears or pruning shears, \$1.50 here or \$1.60 postpaid.**

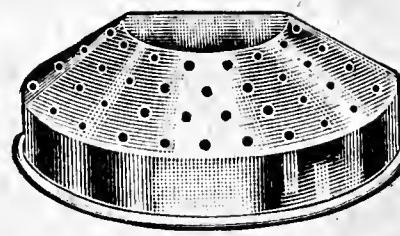
# DOLLAR REVOLVING SPRINKLER

This is a rotating sprinkler of unusually long lasting quality, in fact the best for the money that we have ever been able to offer. Throws a remarkably fine and even spray to a great distance. **Postpaid, \$1.00.**



Dollar Sprinkler

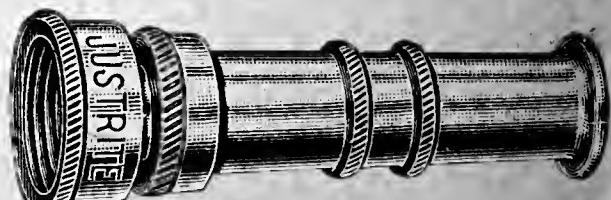
# VICTOR HALF CIRCLE LAWN SPRINKLER



Designed for the small lawn, especially where the water should carry in one direction only, as along the edge of walks, etc. Easily moved without turning off. **Each, 50c; postpaid, 60c.**

Customer Pays Transportation Charges Unless Item Is Marked Postpaid.

## JUSTRITE NOZZLE



A well made adjustable nozzle with the washer attached to the coupling end. Gives fine or coarse spray or solid stream. **Price, each, 65c; postpaid, 75c.**

**NOCO NICKEL CHROME NOZZLE.** A sturdy, inexpensive nozzle similar in shape to the above. **Price 25c; postpaid 35c.**

# Sprayers and Dusters

Prices on Repairs and Large  
Sprayers on Request

**GARDEN GLASS JAR SPRAYER.** This is a substantially built and very satisfactory small machine. Price, F. O. B. Bismarck, 65c.

**GLASS JAR SPRAYER.** This is a well built machine with a capacity of  $3\frac{1}{2}$  gallons. Not quite as strongly built as the two below but better than most of the ordinary articles on the market. Price, F. O. B. Bismarck, \$5.00.

**KNAPSACK SPRAYER.** This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Reinforced galvanized tank. Price, \$6.50, F. O. B. Bismarck. With brass tank, price, \$9.75.

A  $3\frac{1}{2}$  gal. sprayer that can be used for any and all purposes. A useful high pressure compressed air machine at a very reasonable price. F. O. B. Bismarck, \$3.75.

A small metal tank, quart size sprayer. Well made and tested. Price, each, 30c; postpaid, 40c.

**CONTINUOUS.** A small continuous sprayer for the home and small garden. Handles fly oils, insecticides, etc. Capacity 1 qt. Price, 75c; postpaid, 85c.

**KNAPSACK SPRAYER.** A smaller knapsack type; capacity  $2\frac{1}{2}$  gallons; built as sturdily in every way. Price, \$4.90, F. O. B. Bismarck. With brass tank, \$7.25.

**DUST GUN.** A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. Price, F. O. B. Bismarck, \$1.10; postpaid, \$1.35.



**LANG'S HAND WEEDER.** The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.

**POTATO PLANTER.** All steel with basket tube to drop into. Price, \$2.75 each, F. O. B. Bismarck.

**HAND CORN PLANTER.** Plants one to five kernels per hill as desired. Price, \$2.25, F. O. B. Bismarck.

**"NEPONSET" WATERPROOF PAPER FLOWER-POTS.** Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard as the paper is creosoted. Postpaid, 3-inch size, 30c per doz.; \$1.25 per 100; F. O. B. here, 1000, \$9.00.

**READY-TO-USE LOCKED PLANT BANDS**  
The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. They come already folded and set up.  $2\times2\times2\frac{1}{2}$  inches, package of 250, \$1.50, postpaid. Bands,  $3\times3\times3$  inches, package of 250, \$2.00, postpaid. Pots,  $3\times3\times3$  inches. Package of 250, \$2.25, postpaid.

# Poultry Supplies

**NO. 134 KLEENEAZY BROODER.** Capacity 300 to 600 chicks. Burns kerosene or distillate. Safe. Dependable. Economical. 34 in. canopy. Oil tank stack included. Price F. O. B. Bismarck, \$14.25.

**NO. 436 FEEDER.** 36 in. long, 4 blade reel. Rigid end stands, adjustable. Price 65c; postpaid, 75c.

**B 25 DRINKING FOUNT.** For use with glass jar, pt., qt., or 2 quart. Postpaid, 20c; F. O. B. here, 15c, 3 for 35c.

**NO. 212 CHICK FEEDER.** 12 inches long. With 4 blade reel, no danger to chick toes. Each, 15c; postpaid, 20c.

**NO. 101 CHICK FEEDER.** 10 in. long. 2 sided reel. Each, 10c; postpaid, 15c.

**CHAMPION LEG BAND.** Aluminum. Numbered from 1 to 100. Price, sets of 25, 20c; sets of 100, 85c, postpaid.

**KEYRING LEG BANDS.** Different colors. Doz., 20c; 100, 80c, postpaid.

**POULTRY PEAT MOSS.** In response to frequent demand we are listing this excellent poultry litter. Price F. O. B. Bismarck, \$4.00 per 100 lbs.

**NO. 39 POULTRY PUNCH.** Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen markings using both feet are possible. Each, 55c, postpaid.

**BLACK LEAF 40.** Spray on roosts and destroy lice. Oz. bottle, 35c; 5 oz., \$1.00. F.O.B. Bismarck.

**ACME POULTRY DELOUSER.** Paint it on the perches and it is effective for poultry lice, holding its effectiveness for several days. A 2 oz. tube is enough for 50 ft. of perches. Price, 2 oz. tube, 35c; postpaid, 40c; 5 oz. tube, 85c; postpaid, 95c.

**TOXITE.** The new disease control spray. Price, 1 gal., \$1.50. F. O. B. Bismarck.

**B-K. Antiseptic, Disinfectant, Sterilizer and Deodorizer.** Use in treating drinking water for poultry, to disinfect houses, cure colds in poultry, etc. Price, powder,  $9\frac{1}{3}$  oz., 75c;  $1\frac{3}{4}$  lbs., \$1.50.



Pioneer  
Louse  
Powder.

**PIONEER BRAND LOUSE AND FLEA POWDER.** For all kinds of livestock and poultry. A very efficient product of our own preparation. F. O. B. here, 25c. Postpaid, 35c.

For Carbola disinfecting paint see page 75. Also for Sodium Fluoride powder for stock lice and roaches.

## The Cyclone Seed Sower

To broadcast Grain,  
Grass and Clover Seed.  
Also to seed Onion and  
Rutabaga. Full instruc-  
tions and directions on  
every machine. Price,  
each, \$2.25, postpaid, F.  
O. B. Bismarck, \$2.00.



THE SOWER THAT SCATTERS EVENLY

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Buffalo or Bull Berry	63	Flowering Currant	61	Paper Flower Pots	79	Sugar Beet	16																																																																																																																																																																																																																						
Burning Bush	5	Flowering Plum	61	Parsley	31	Sumac	62																																																																																																																																																																																																																						
Butter & Eggs	68	Flower Seeds	3-11	Parsnips	29	Summer Cypress	5																																																																																																																																																																																																																						
Cabbage	18, 19	Forget-Me-Not	6	Pasque Flower	68	Summer Savory	27																																																																																																																																																																																																																						
Cabbage, Chinese	19	Four O'clock	6	Pasture Mixture	54	Sunflower	6, 51, 68																																																																																																																																																																																																																						
Cabbage Plants	56	Foxglove	5	Peanuts	40	Sweet Clover	54																																																																																																																																																																																																																						
Cactus	67	Gaillardia	6, 67	Pear	71	Sweet Corn	22, 23																																																																																																																																																																																																																						
Calendula	4	Garlic	33	Peas	36, 37	Sweet Marjoram	27																																																																																																																																																																																																																						
Calliopsis	4	Geranium	6, 55	Peas, Field	51	Sweet Peas	10, 11, 68																																																																																																																																																																																																																						
Campanula	4, 67	Giant Daisy	67	Pentstemon	8, 68	Sweet Potatoes	56																																																																																																																																																																																																																						
Canary Bird Flower	4	Gladiolus	57	Peonies	65	Sweet Rocket	9																																																																																																																																																																																																																						
Candytuft	5	Golden Elder	62	Peppers	28, 56	Sweet Sultan	5																																																																																																																																																																																																																						
Cane	51	Golden Glow	67	Perennials	66-70	Sweet William	9, 68																																																																																																																																																																																																																						
Canna	4, 55	Goldenrod	67	Petunias	8, 55	Swiss Chard	16																																																																																																																																																																																																																						
Canterbury Bells	4	Gooseberries	69	Phlox	8, 68																																																																																																																																																																																																																								
Caragana	61, 63	Gopher Poison	75	Pieplant	31	Caraway	27	Gourds	6, 15	Pioneer Poultry Feed	76	Carbola Paint	75	Grapes	70	Pine	59	Carnation	5	Grass Sced	53, 54	Plant Bands	79	Carrots	20, 21	Grass Shears	78	Plant Food	77	Cassia Chamaechrista	5	Greenhouse Dept.	55-57	Planting Table	11	Castor Beans	8	Ground Cherry	42, 56	Platycodon	68	Catnip	27	Gutierrezia	67	Plums and Plum Hybrids	74	Cauliflower	21, 56	Gumbo Lily	68	Pop Corn	25	Cedar	59	Gypsophila	6, 67	Poplar	60	Celeriac	28	Hackberry	60	Poppies	8, 68	Celery	28, 56	Hand Weeder	79	Portulaca	8	Celosia	4	Hawthorn	62	Postal Rates	2	Centaurea	5	Hazelnut	69	Potatoes	50	Chard, Swiss	16	Helianthus	6, 67	Potato Eyes	50	Cherries and Cherry		Helichrysum	5	Potato Planter	79	Hybrids	73	Heliotrope	6, 67	Potentilla	68	Chicory	15	Herbs	27	Poultry Feeds	76	Chinese Bellflower	68	Hesperis	9	Poultry Supplies	79	Chinese Lantern Plant	5	Hollyhock	6, 67	Prairie Clover	68	Chinese Matrimony Vine	64	Honeysuckle	61	Prairie Coneflower	67	Chinese Peach	62	Hop Vine	64	Prairie Rose	64	Chinese Woolflower	4	Hopa Flowering Crab	60	Primrose	8, 55, 68	Chives	67, 15	Horchhound	27	Pruning Shears	78	Chrysanthemum	5	Horseradish	69	Pumpkins	29	Citron	32	Horse Chestnut	60	Purple Coneflower	67	Clarkia	5	Hose	78	Radishes	38, 39	Clematis	64	Hose Nozzle	78	Rape	51	Clipper Cleaner	78	Hyacinth, Water	55	Raspberries	69	Clover	52	Ice Plant	6	Reed Canary Grass	54	Cobaea	5	Insecticides	75	Red Haw	62	Coleus	55	Inomoea	7	Red Mallow	68	Columbine	5, 67				Convolvulus	7				Corn, Field	45-49				Corn, Sweet	22, 23				Cornflower	4				Corn Planter	79			
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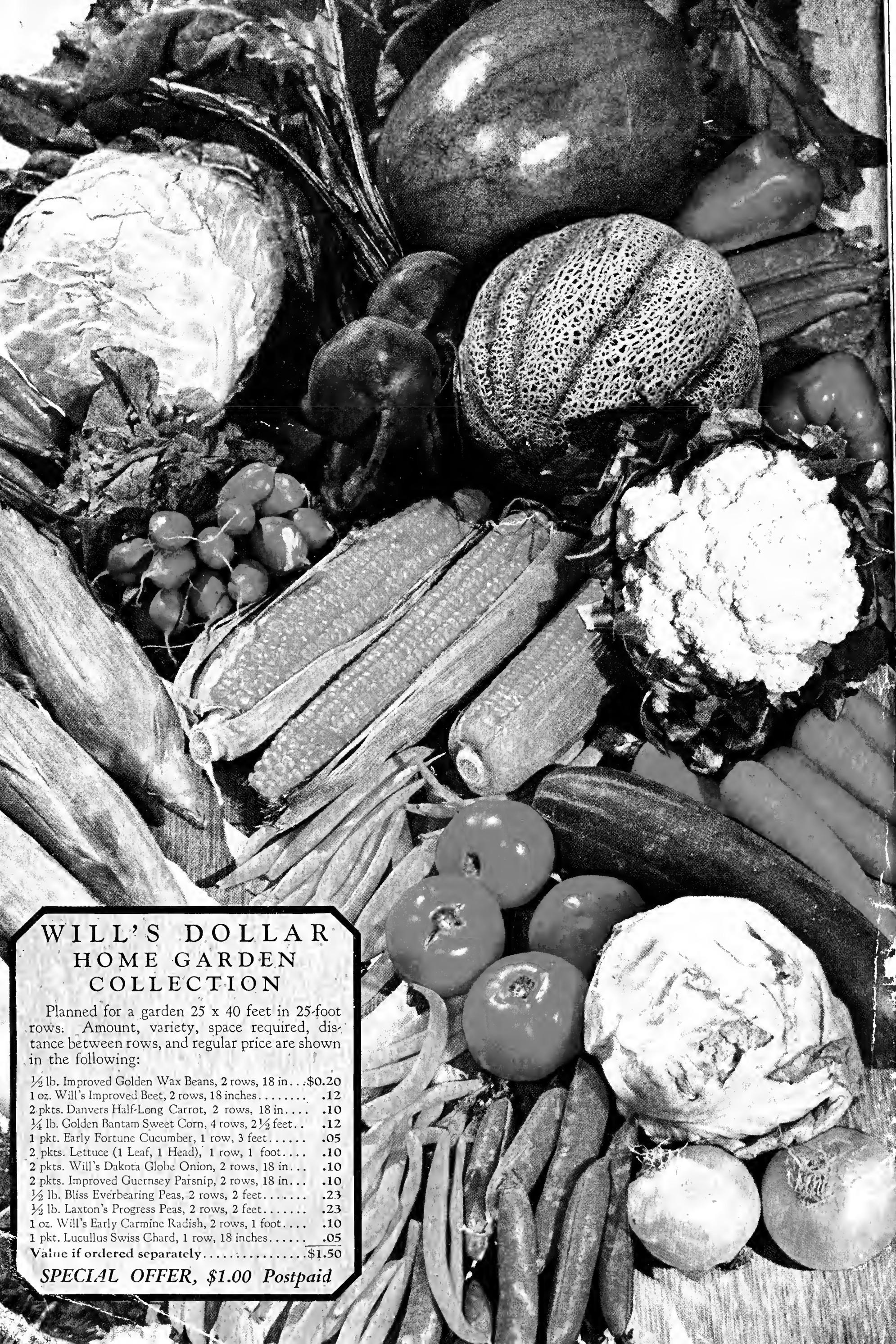


## **WILL'S ARISTOCRAT GLADIOLUS COLLECTION**

Twenty prize-winning varieties. A wonderful assortment of the newer colors and types, large, thrip-free bulbs individually bagged and labelled. Described on page 57 of this catalog. Priced separately at **\$1.86**. We offer this stupendous value for **\$1.00**, postpaid. **3 for \$2.75.**

**BISON  
TOMATO  
PAGE 43**

**FALCONER  
CORN  
PAGE 47**



## WILL'S DOLLAR HOME GARDEN COLLECTION

Planned for a garden 25 x 40 feet in 25-foot rows. Amount, variety, space required, distance between rows, and regular price are shown in the following:

½ lb.	Improved Golden Wax Beans, 2 rows, 18 in.	\$0.20
1 oz.	Will's Improved Beet, 2 rows, 18 inches.....	.12
2 pkts.	Danvers Half-Long Carrot, 2 rows, 18 in....	.10
¼ lb.	Golden Bantam Sweet Corn, 4 rows, 2½ feet..	.12
1 pkt.	Early Fortune Cucumber, 1 row, 3 feet.....	.05
2 pkts.	Lettuce (1 Leaf, 1 Head), 1 row, 1 foot....	.10
2 pkts.	Will's Dakota Globe Onion, 2 rows, 18 in....	.10
2 pkts.	Improved Guernsey Parsnip, 2 rows, 18 in....	.10
½ lb.	Bliss Everbearing Peas, 2 rows, 2 feet.....	.23
½ lb.	Laxton's Progress Peas, 2 rows, 2 feet.....	.23
1 oz.	Will's Early Carmine Radish, 2 rows, 1 foot....	.10
1 pkt.	Lucullus Swiss Chard, 1 row, 18 inches.....	.05
Value if ordered separately .....		\$1.50

**SPECIAL OFFER, \$1.00 Postpaid**